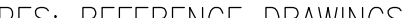


GENERAL NOTES:

1. ELEVATIONS AND BUILDING SECTIONS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED



SCALE IN FEET

2. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 8.50

3. [L01] LOUVER TYPES: REFERENCE DRAWING VA-400 FOR LOUVER TYPES AND GA-812, GA-813, & GA-814 FOR DETAILS.

4. [151D] DOOR TYPES: REFERENCE DRAWINGS VA-400 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.

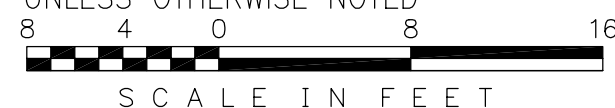
5. [W1] WINDOW TYPES: REFERENCE DRAWINGS VA-400, GA-810, AND GA-811 FOR WINDOW TYPES AND DETAILS.

6. REFERENCE DRAWING GA-900 FOR TYPICAL CAST STONE DETAILS.

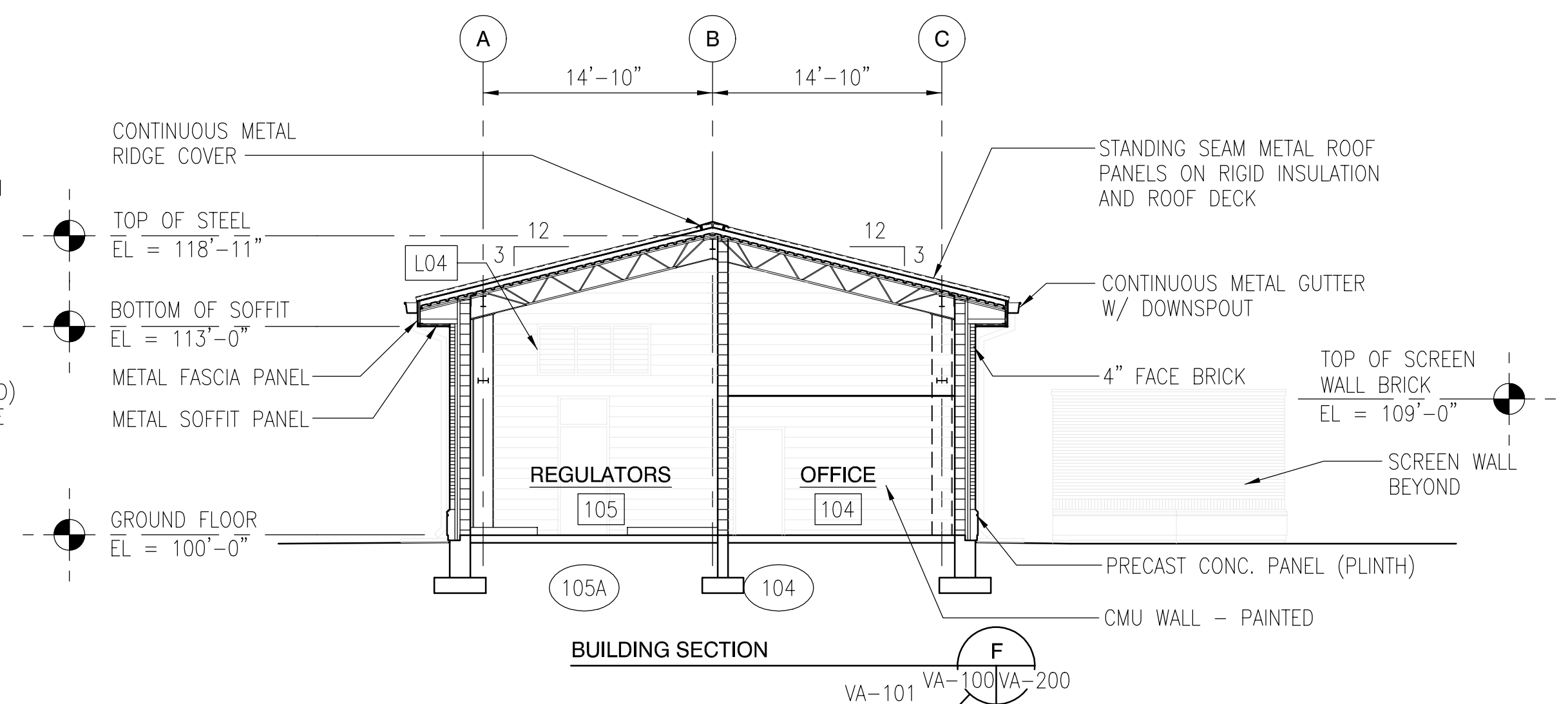
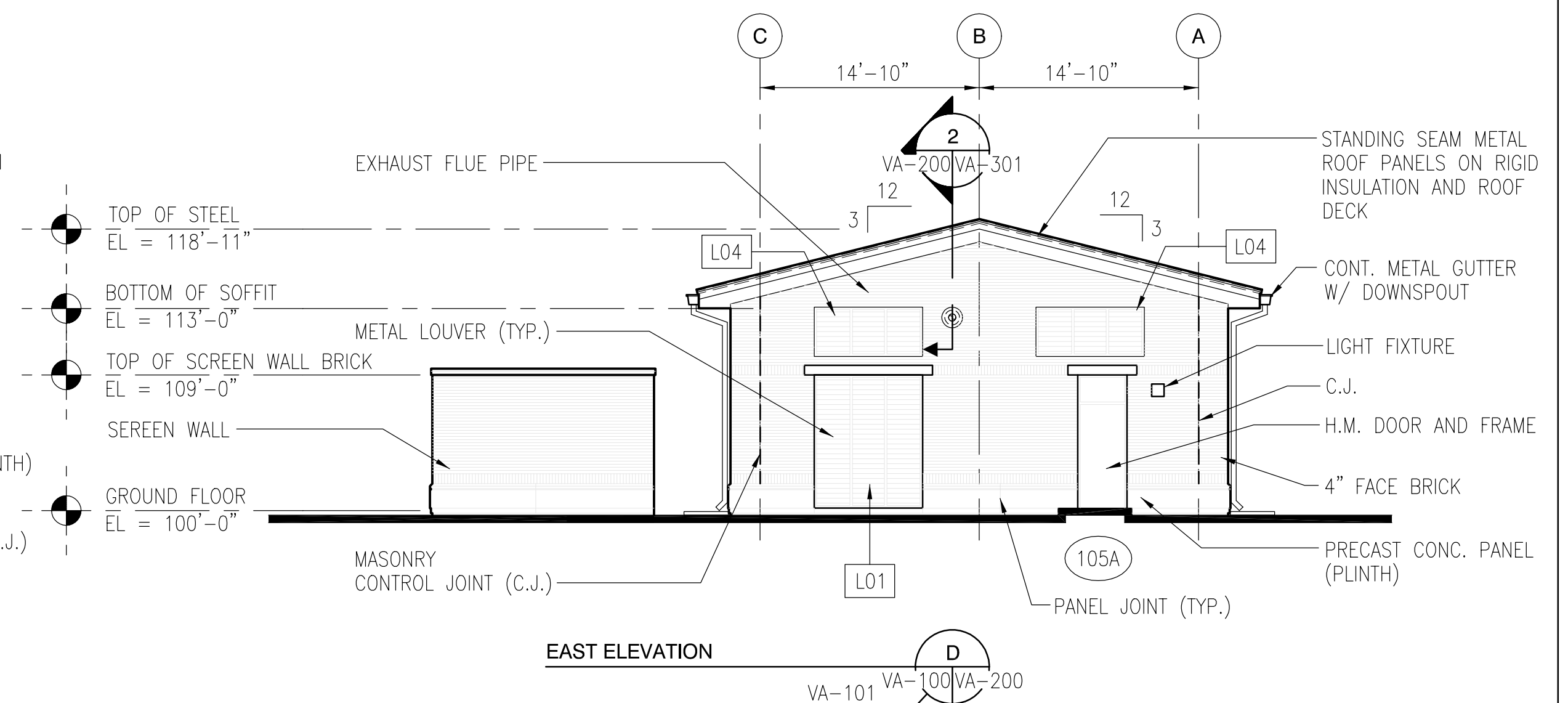
7. REFERENCE DRAWINGS VA-100, VA-200 FOR WALL CONTROL JOINT LOCATIONS

8. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.

  - PRECAST CONCRETE \_\_\_\_\_ P & D PRECAST CO., INC.  
COLOR: BUFF/BEST MORTAR W/67
  - SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - CAST STONE SILLS, LINTELS, & MEDALLIONS \_\_\_\_\_ MATCH PRECAST
  - BRICK MASONRY \_\_\_\_\_ LAWRENCEVILLE BRICK  
SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A  
MODULAR STANDARD
  - BRICK MORTAR \_\_\_\_\_ BATCHELDER AND COLLINS / LEHIGH 00024



- 
- Architectural drawing of the West Elevation of a building. The drawing shows a gabled structure with a brick soldier course, a masonry control joint (C.J.), and a project-out window unit. Key features include a continuous metal ridge cover, standing seam metal roof panels, a continuous metal gutter with a downspout, and a precast concrete panel (plinth). The drawing is dimensioned with a total width of 28'-0" (14'-10" x 2) and a height of 11'-0" (11'-0" x 2). The ground floor is at EL = 100'-0". The drawing is labeled "WEST ELEVATION" and includes a section line "B" at the bottom.



- |  |   |  |
|--|---|--|
| f. STANDING SEAM METAL ROOF  | VALSPAR FLUOROPON DARK BRONZE NO.437B080              | 9. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.             |
| g. EAVE TRIM   | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080        |  |
| h. ROOF SOFFIT   | DAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650 | 10. REFERENCE DRAWING GA-901 FOR TYPICAL PRECAST CONCRETE PANEL DETAILS. |
| i. GUTTERS, DOWNSPOUTS, AND LOUVERS  | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080        |  |
| j. GLASS AND GLAZING   | PPG SIGNCO-500 BRONZE                                 |  |
| k. WINDOW FRAMES   | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080        |  |
| l. HOLLOW METAL DOOR AND FRAMES  | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080        |  |
| m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES. SEE SPECIFICATION FOR FURTHER REQUIREMENTS. |   |  |

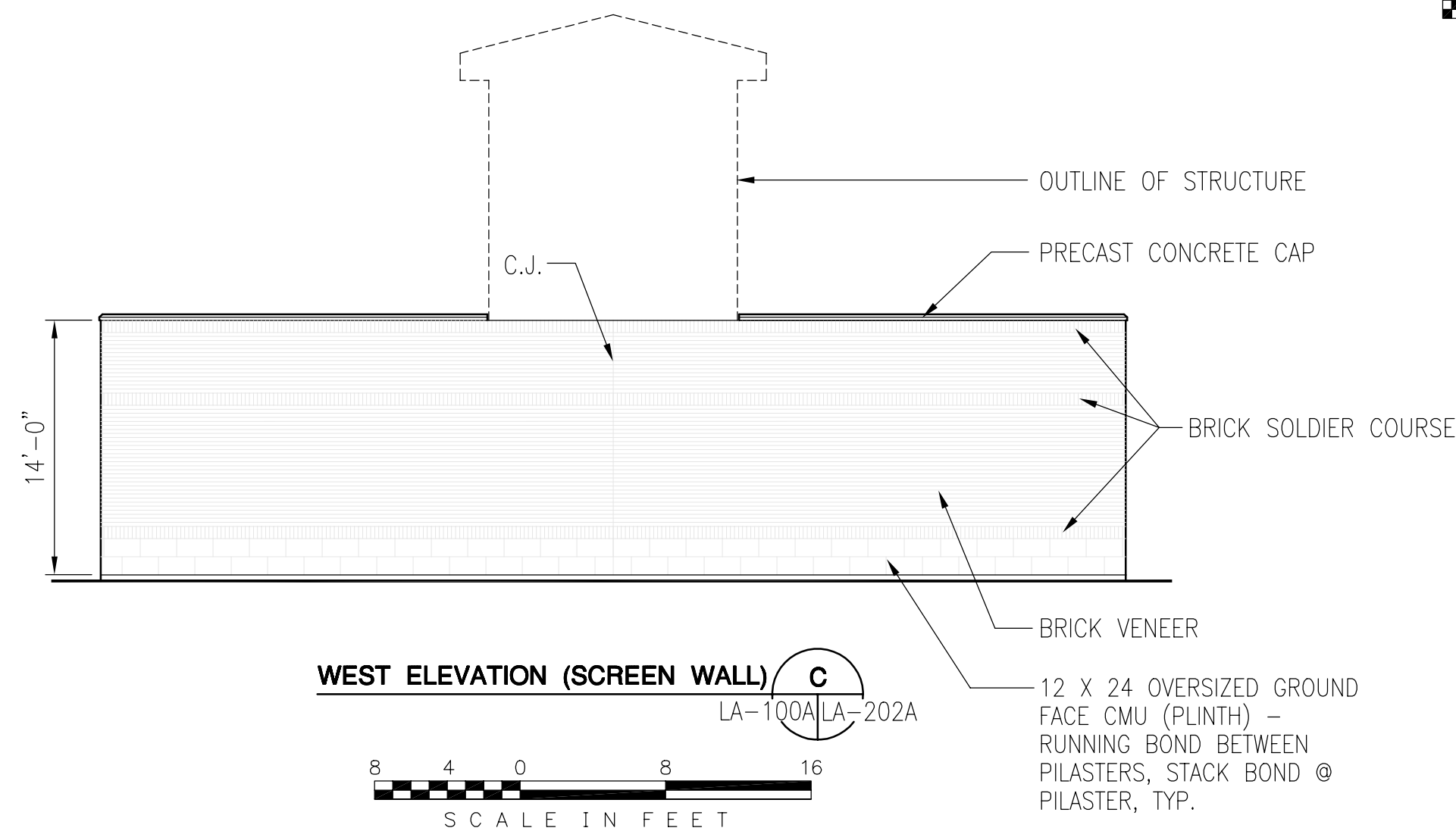
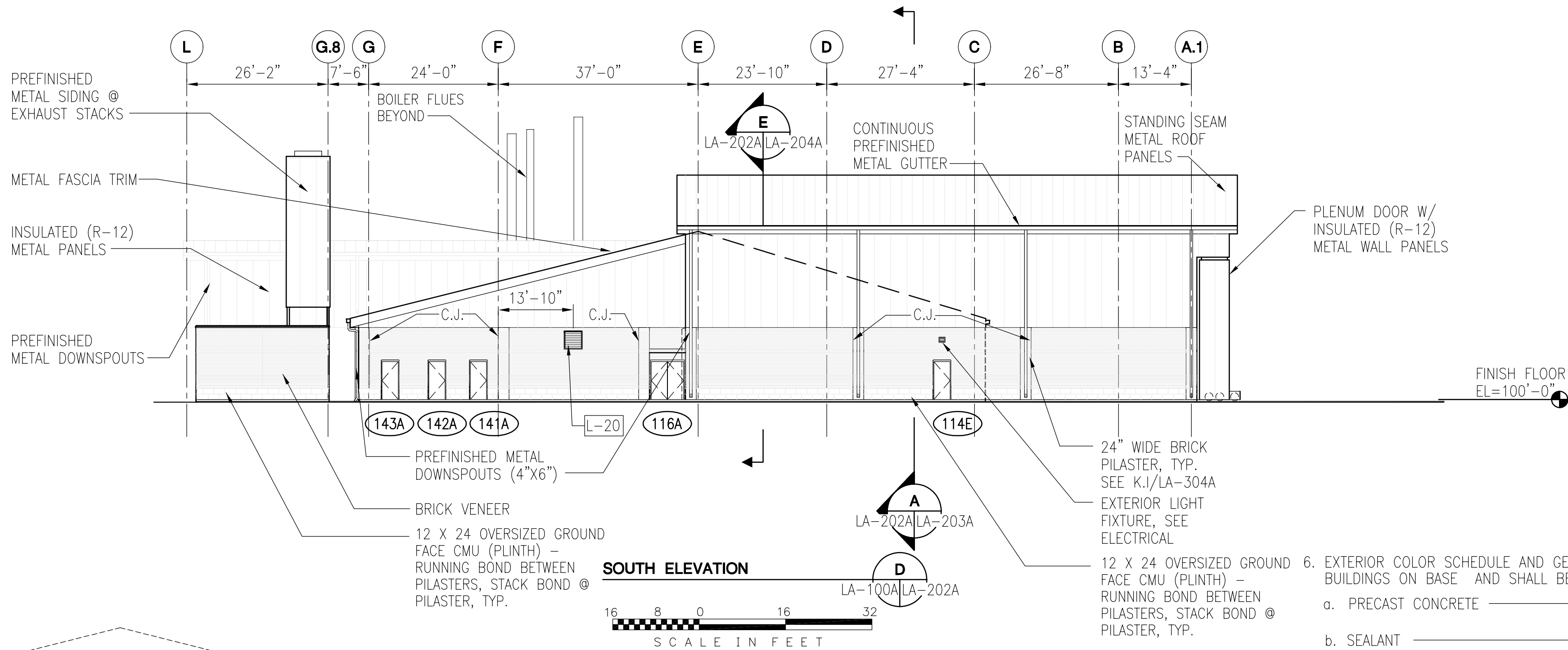
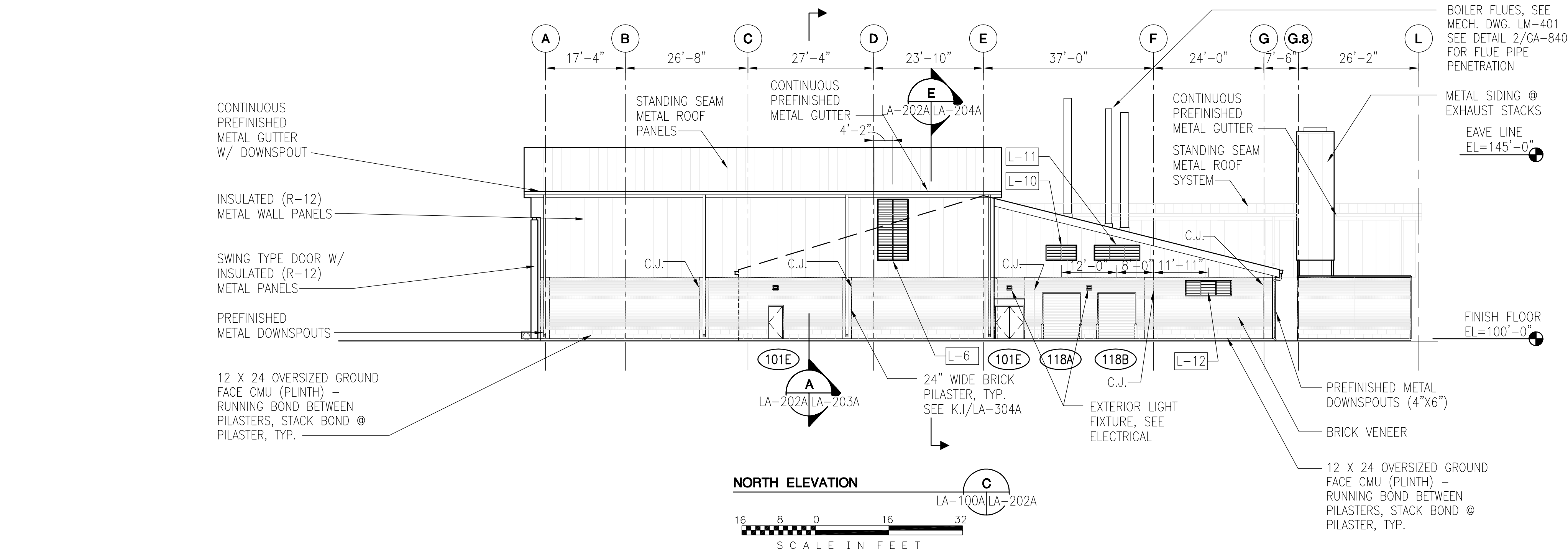
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DRAWN: IHC	PROJECT NO. HACC023011	SUBMITTED:	SCALE: AS SHOWN
DRAWING NO. 7111-18-13	NORFOLK DISTRICT FILE NO. LF-422-1.115	SPECIFICATION NO. DACA65-01-R-0025	
Last worked on: 10-11-01		Plot scale: 1:1	
File name: Y26342\ARCH\DESIGN\VAULT\PRECAST\VA-200.DWG			

**BURNS & McDONNELL**  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
AIR FIELD LIGHTING VAULT  
EXTERIOR ELEVATIONS

VA-200  
SHEET 115 OF 769

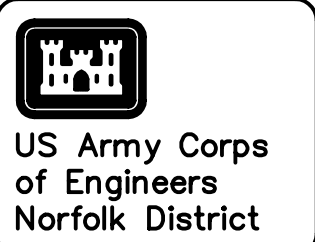


**GENERAL NOTES:**

1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. [L05] LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. (151D) DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201, LA-202, LA-203 AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.

6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
  - a. PRECAST CONCRETE \_\_\_\_\_ P & D PRECAST CO., INC. COLOR: BUFF/BEST MORTAR W/67
  - b. SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - c. CAST STONE SILLS, LINTELS, & MEDALLIONS \_\_\_\_\_ MATCH PRECAST LAWRENCENVILLE BRICK SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A MODULAR STANDARD
  - d. BRICK MASONRY \_\_\_\_\_ BATCHELDER AND COLLINS / LEHIGH 00024
  - e. BRICK MORTAR \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - f. STANDING SEAM METAL ROOF \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - g. ROOF SOFFIT \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - h. FASCIA TRIM \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - i. INSULATED AND INTERIOR LINER PANELS \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - j. GUTTERS \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - k. DOWNSPOUTS AND LOUVERS \_\_\_\_\_ AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080 AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - l. HOLLOW METAL DOOR AND FRAMES \_\_\_\_\_ AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080 AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL, WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS
7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.
8. REFERENCE DRAWINGS GA-901 FOR TYPICAL PRECAST PANEL (PLINTH) DETAILS.

NOTE:  
1. SEE LA-403 FOR LOUVER SIZES AND MOUNTING HEIGHTS.  
2. CONCRETE SPLASH BLOCKS TO BE LOCATED AT ALL METAL DOWNSPOUTS DISCHARGING TO UNPAVED AREAS



US Army Corps  
of Engineers  
Norfolk District

REV	DATE	DESCRIPTION
1	10/15/2001	REVISED EXTERIOR COLOR SCHEDULE
2		
3		
4		
5		
6		

DESIGNED: JLC

CHECKED: RAJ

DATE: OCT 2001

DRAWN: BBA

SUBMITTED: ERK

SCALE: AS SHOWN

PROJECT NO: HAC023010

DRAWING NO: 711-18-13

FILE NAME: V:\845\ARCH\OPTIONALS\LA202.DWG

NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

LF-422-1743  
SPECIFICATION NO. DAC465-01-R-0025  
Rev scale: 1:1

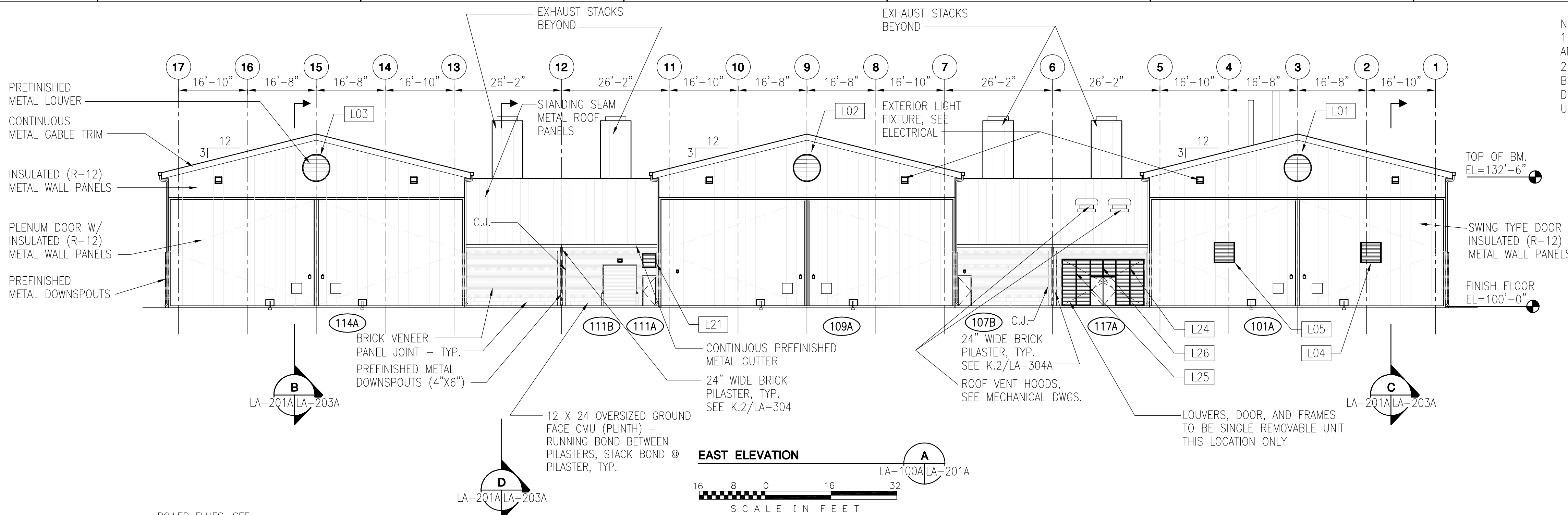
F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA

LO/GRF FACILITY  
EXTERIOR ELEVATIONS  
(OPTION 3)

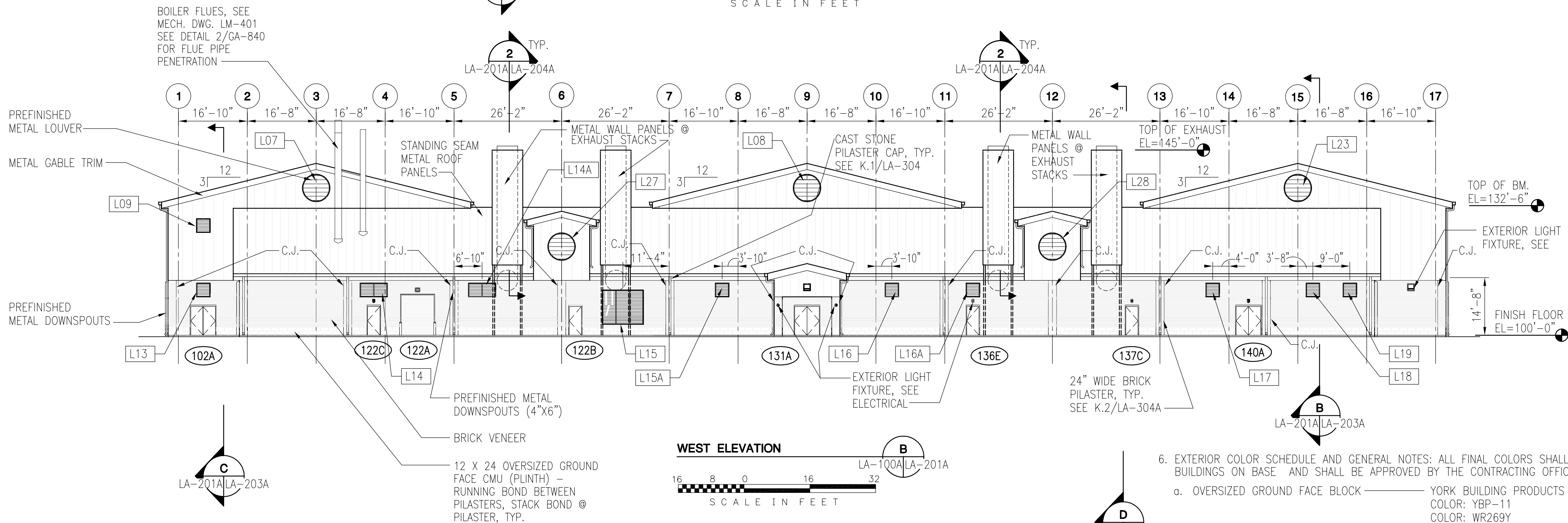
LA-202A  
SHEET 743 OF 769

LF422743.DWG 01-15-2002 15:45 BBA





EAST ELEVATION  
LA-100A/LA-201A  
SCALE IN FEET



WEST ELEVATION  
LA-100A/LA-201A  
SCALE IN FEET

GENERAL NOTES:

1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. [L05] LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. (151D) DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201A, LA-202A, LA-203A AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.

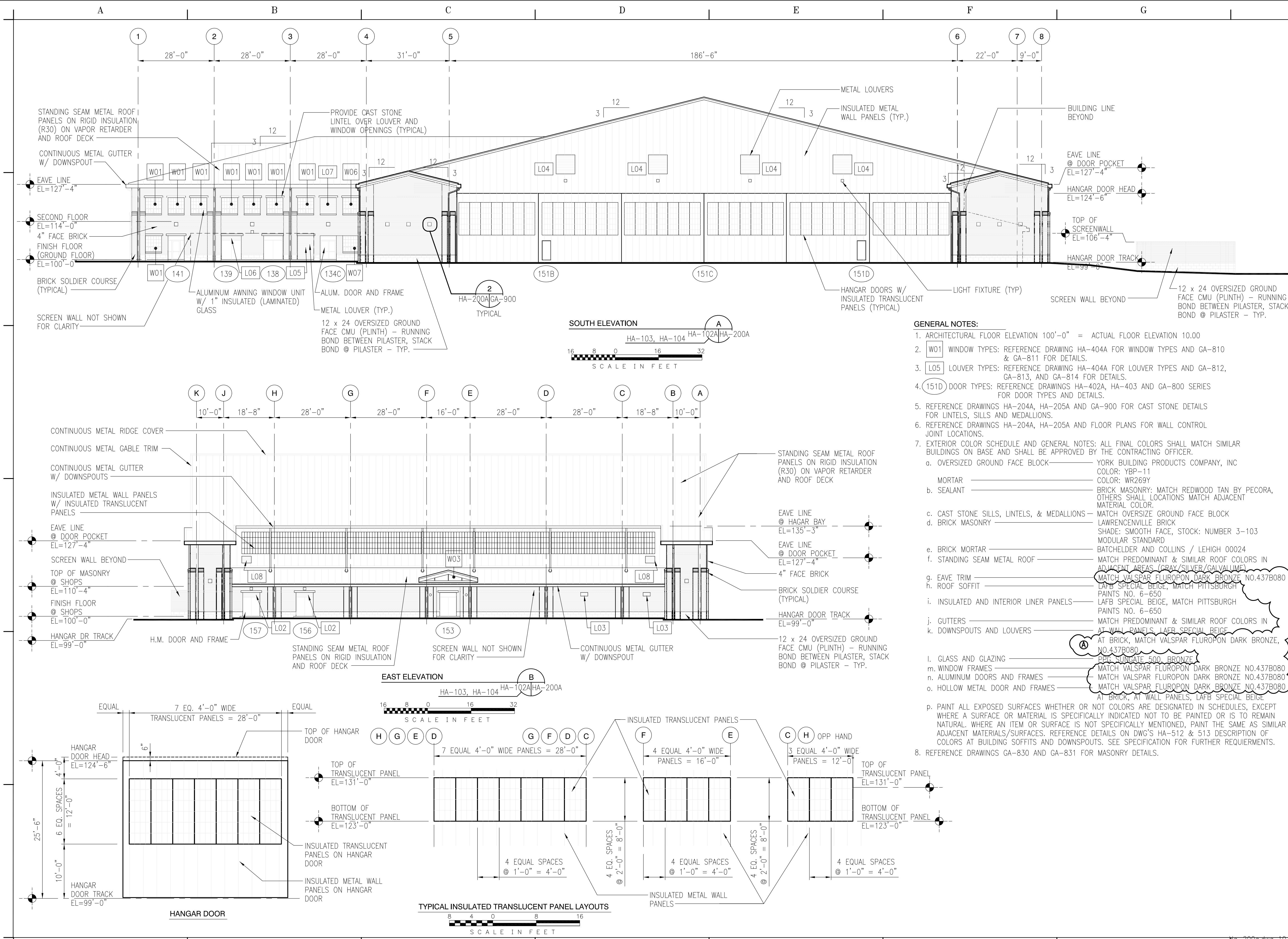
6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.

- a. OVERSIZED GROUND FACE BLOCK ——— YORK BUILDING PRODUCTS COMPANY, INC  
COLOR: YBP-11  
COLOR: WR269Y
  - b. SEALANT ——— BRICK MASONRY: MATCH REDWOOD TAN BY PECORA,  
OTHERS SHALL LOCATIONS MATCH ADJACENT  
MATERIAL COLOR.
  - c. CAST STONE SILLS, LINTELS, & MEDALLIONS — MATCH OVERSIZED GROUND FACE BLOCK
  - d. BRICK MASONRY ——— LAWRENCENVILLE BRICK  
SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A  
MODULAR STANDARD
  - e. BRICK MORTAR ——— PATCHELDER AND COLLINS / LEHIGH 00024
  - f. STANDING SEAM METAL ROOF — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080 (A)
  - g. ROOF SOFFIT — LAFB SPECIAL BEIGE
  - h. FASCIA TRIM — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - i. INSULATED AND INTERIOR LINER PANELS — LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - j. GUTTERS — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - k. DOWNSPOUTS AND LOUVERS — AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080  
AT WALL PANELS, LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - l. HOLLOW METAL DOOR AND FRAMES — AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080  
AT WALL PANELS, LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED  
IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED  
NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS  
NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS
7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.

NOTE:  
1. SEE LA-403 FOR LOUVER SIZES  
AND MOUNTING HEIGHTS.  
2. CONCRETE SPLASH BLOCKS TO  
BE LOCATED AT ALL METAL  
DOWNSPOUTS DISCHARGING TO  
UNPAVED AREAS

US Army Corps of Engineers Norfolk District	
RAILER	BY
REVISED EXTERIOR COLOR SCHEDULE	DATE
DESIGNED: JLC	DATE: OCT 2001
DRAWN: BBA	SCALE: AS SHOWN
PRODUCT NO.	NORFOLK DISTRICT FILE NO.
DRAWING NO.	HA0023010
711-18-13	LF-422-1742
711-18-13	SPECIFICATION NO.
711-18-13	DACA65-01-R-0025
711-18-13	Plot scale: 1"
711-18-13	File name: V:\845\ARCH\OPTIONAL\LA202.DWG
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	
F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA LO/GRF FACILITY EXTERIOR ELEVATIONS (OPTION 3)	
LA-201A SHEET 742 OF 769	





- GENERAL NOTES:**
- ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 10.00
  - W01 WINDOW TYPES: REFERENCE DRAWING HA-404A FOR WINDOW TYPES AND GA-810 & GA-811 FOR DETAILS.
  - L05 LOUVER TYPES: REFERENCE DRAWING HA-404A FOR LOUVER TYPES AND GA-812, GA-813, AND GA-814 FOR DETAILS.
  - 151D DOOR TYPES: REFERENCE DRAWINGS HA-402A, HA-403 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
  - REFERENCE DRAWINGS HA-204A, HA-205A AND GA-900 FOR CAST STONE DETAILS FOR LINTELS, SILLS AND MEDALLIONS.
  - REFERENCE DRAWINGS HA-204A, HA-205A AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.
  - EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
    - OVERSIZED GROUND FACE BLOCK — YORK BUILDING PRODUCTS COMPANY, INC  
MORTAR — COLOR: YBP-11  
COLOR: WR269Y
    - SEALANT — BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
    - CAST STONE SILLS, LINTELS, & MEDALLIONS — MATCH OVERSIZE GROUND FACE BLOCK
    - BRICK MASONRY — LAWRENCVILLE BRICK  
SHADE: SMOOTH FACE, STOCK: NUMBER 3-103  
MODULAR STANDARD
    - BRICK MORTAR — BATCHELDER AND COLLINS / LEHIGH 00024
    - STANDING SEAM METAL ROOF — MATCH PREDOMINANT & SIMILAR ROOF COLORS IN ADJACENT AREAS (GRAY/SILVER/GALVALUME)
    - EAVE TRIM — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - ROOF SOFFIT — LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
    - INSULATED AND INTERIOR LINER PANELS — LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
    - GUTTERS — MATCH PREDOMINANT & SIMILAR ROOF COLORS IN AT WALL PANELS, LAFB SPECIAL BEIGE
    - DOWNSPOUTS AND LOUVERS — AT WALL PANELS, LAFB SPECIAL BEIGE
  - GLASS AND GLAZING — PPG SUNGLATE 500, BRONZE
  - WINDOW FRAMES — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - ALUMINUM DOORS AND FRAMES — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - HOLLOW METAL DOOR AND FRAMES — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS/SURFACES. REFERENCE DETAILS ON DWG'S HA-512 & 513 DESCRIPTION OF COLORS AT BUILDING SOFFITS AND DOWNSPOUTS. SEE SPECIFICATION FOR FURTHER REQUIREMENTS.
  - REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.

US Army Corps of Engineers  
Norfolk District

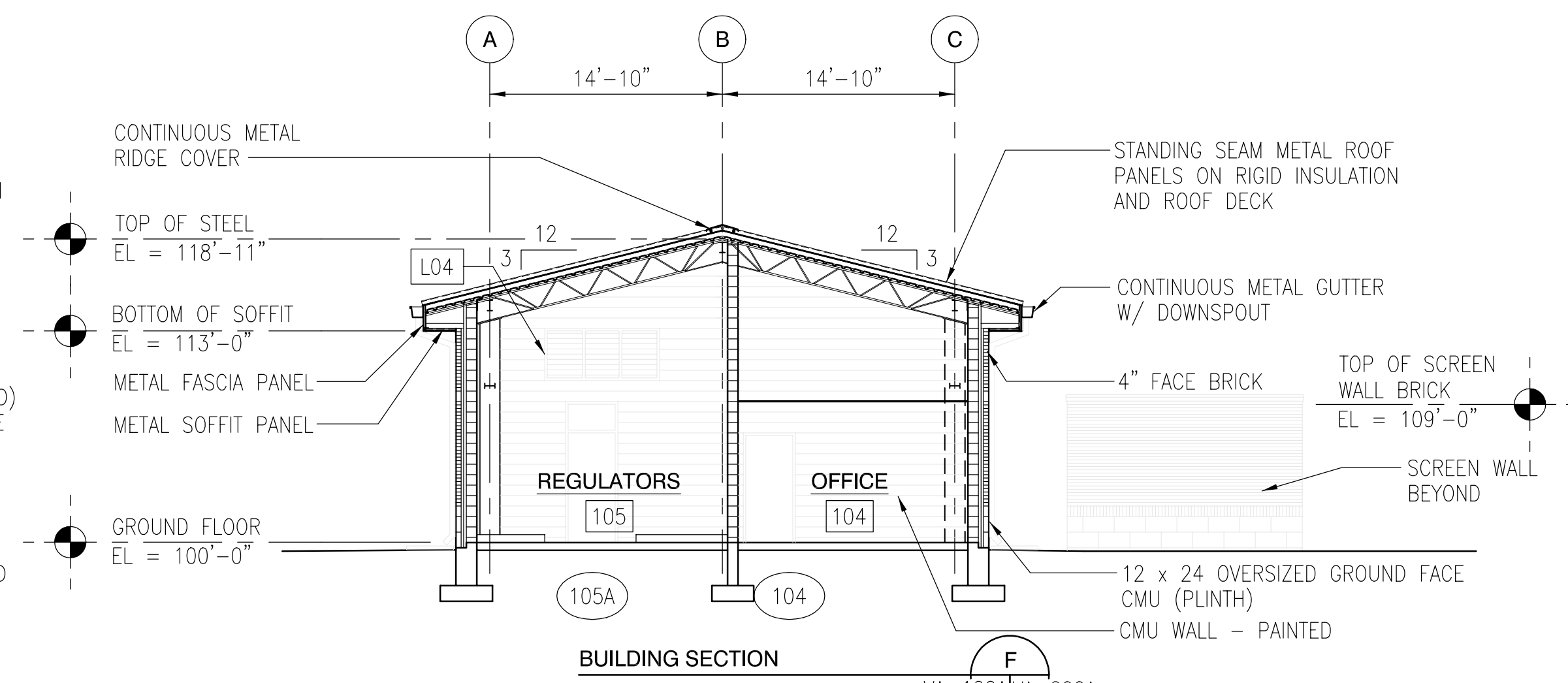
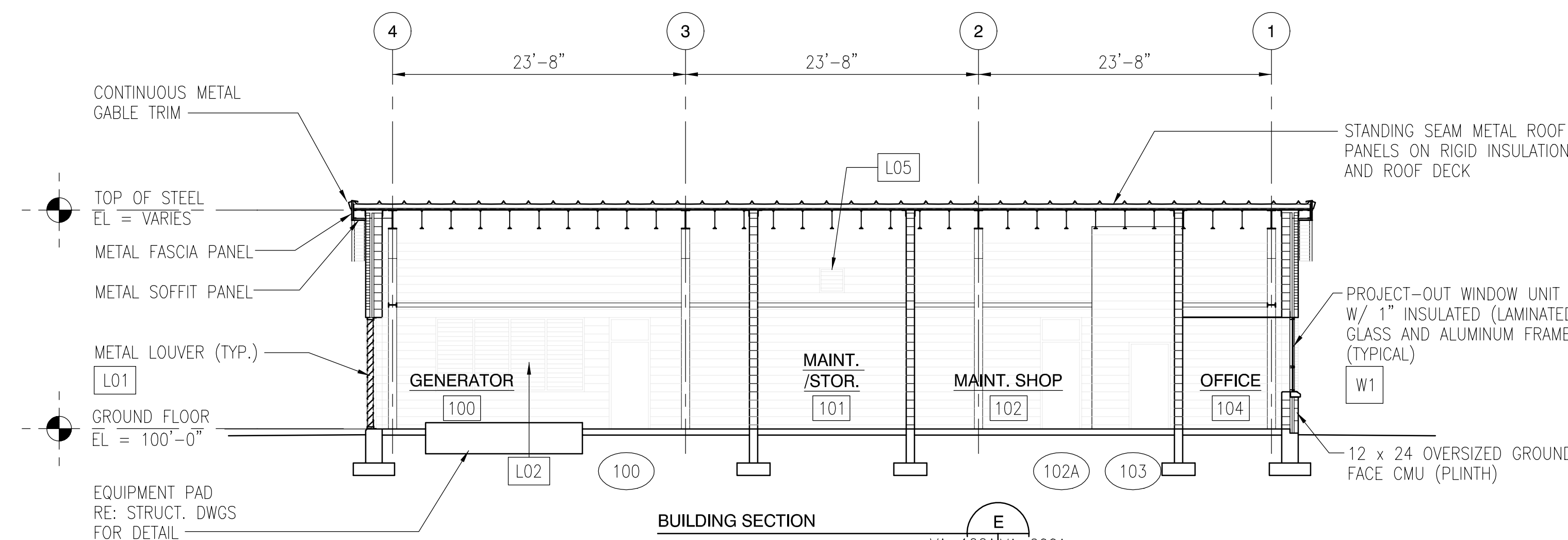
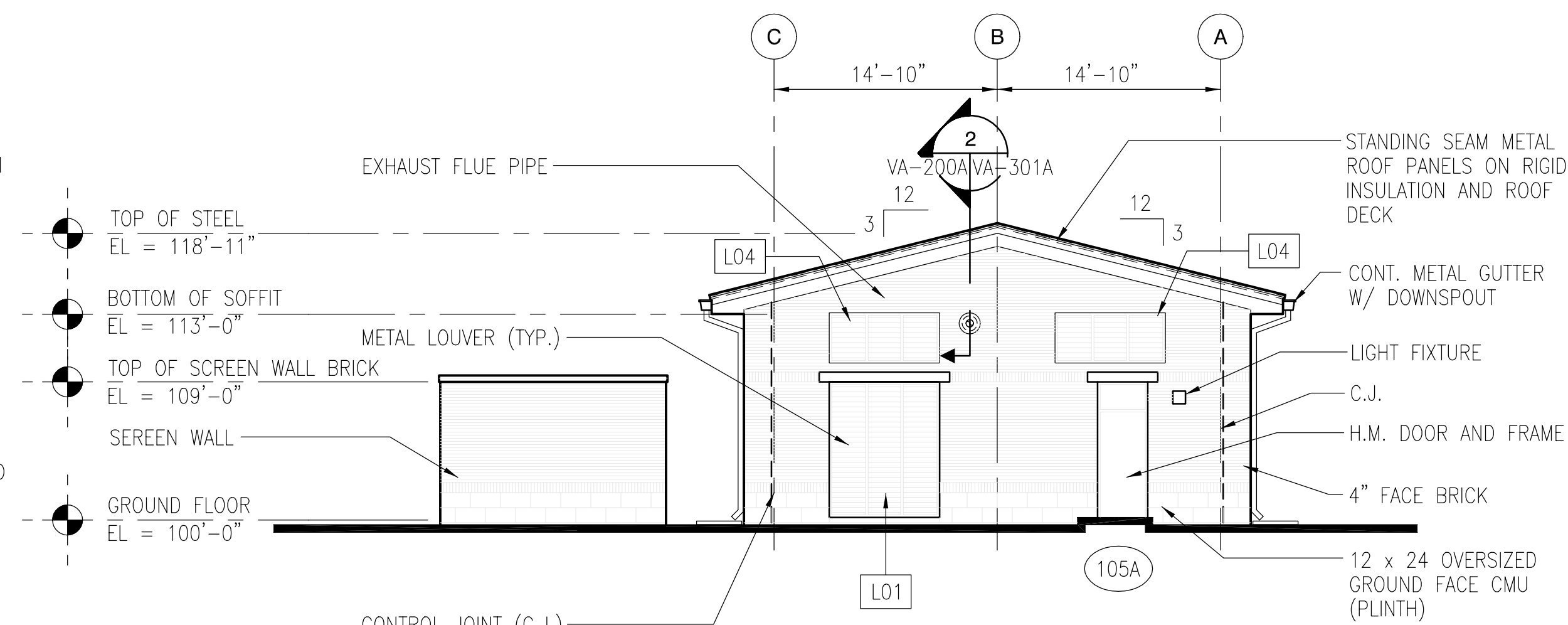
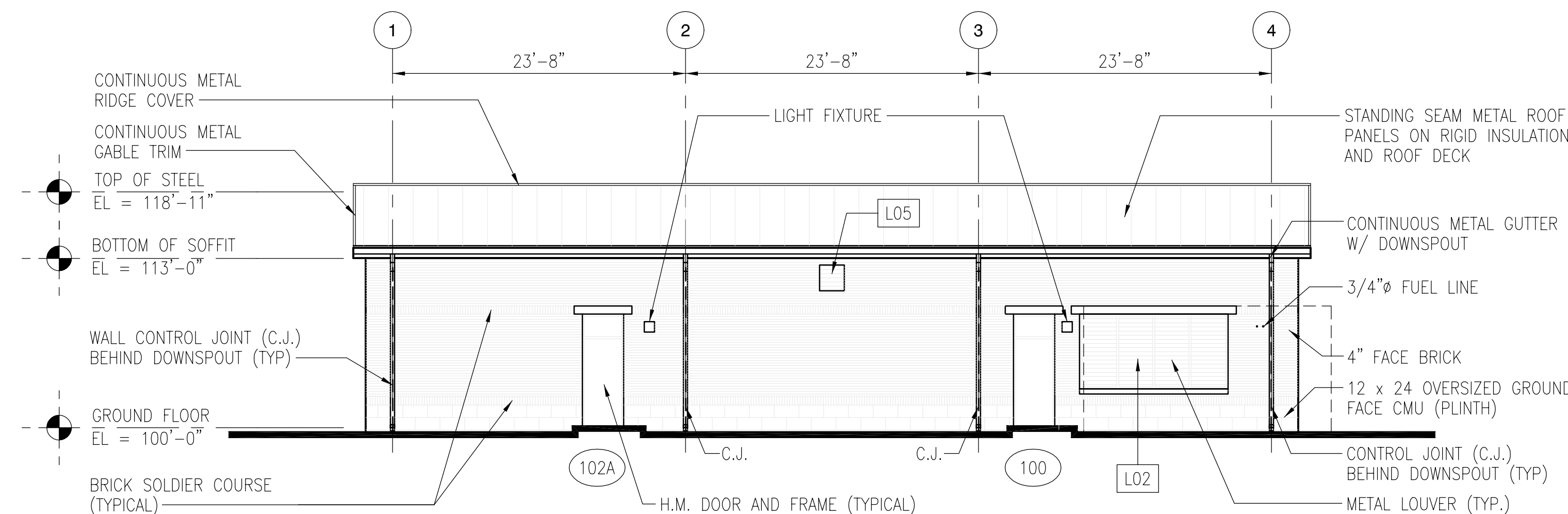
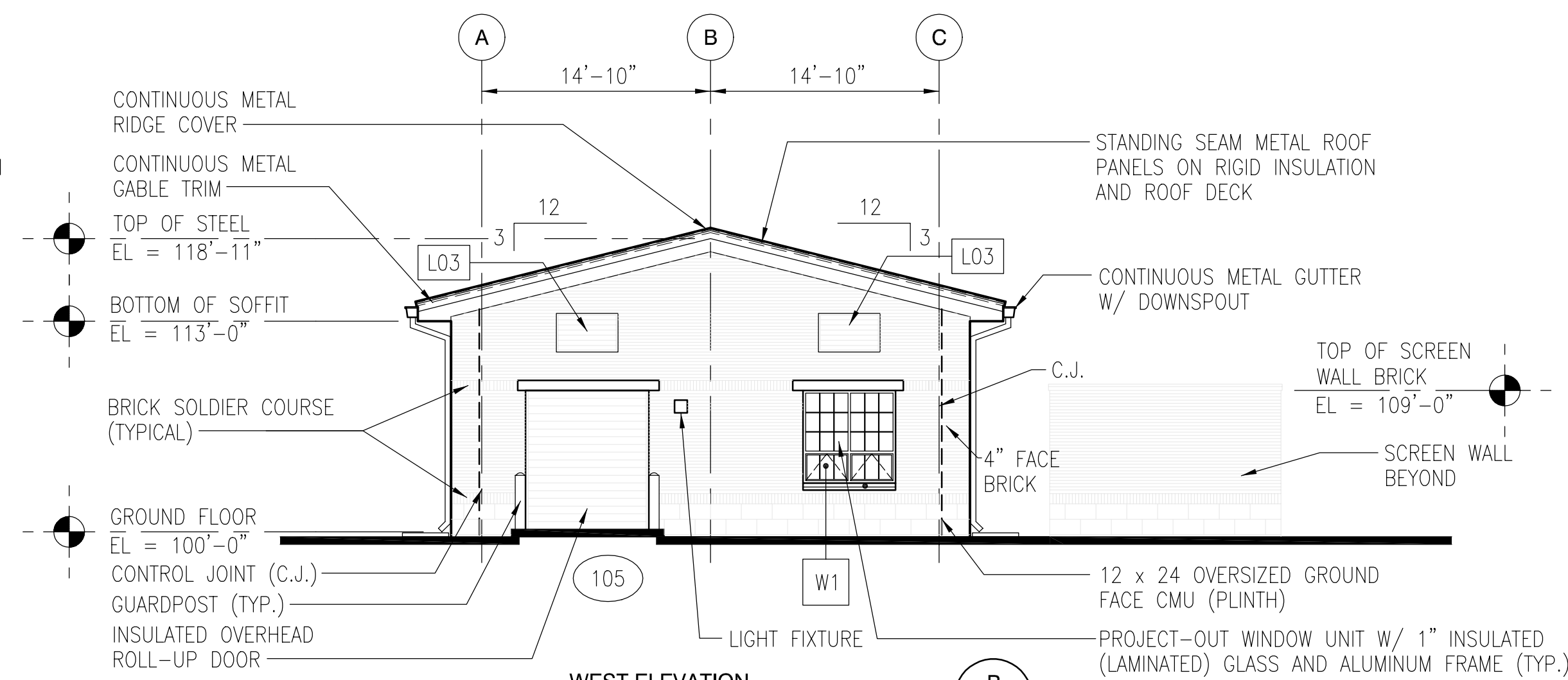
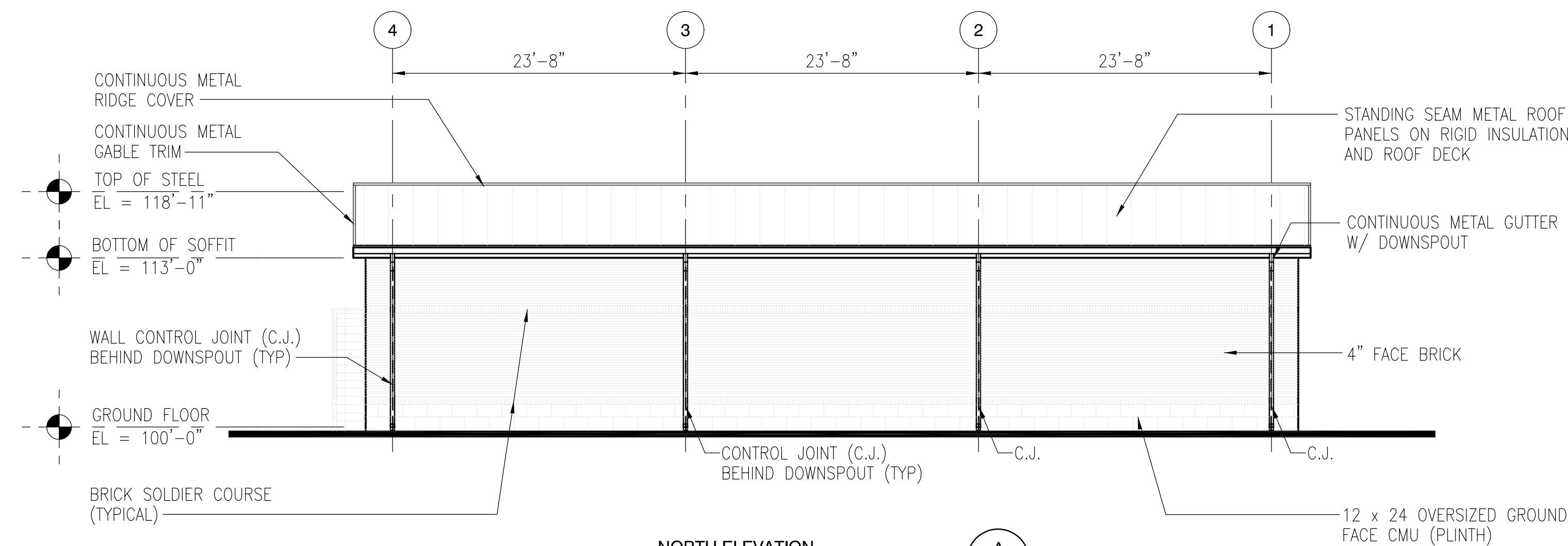
REV	DATE	DESCRIPTION
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2		
3		
4		
5		
6		

DESIGNED: RAJ  
CHECKED: RWB  
DATE: OCT 2001  
SCALE: AS SHOWN

DRAWN: IHC  
SUBMITTED: NORFOLK DISTRICT FILE NO. LF-422-1713  
PRODUCT NO. HAC023011  
DRAWING NO. 711-18-13  
SPECIFICATION NO. DAC465-01-R-0025  
FILE NAME: V:\SHEETS\DESIGN\HA-200A.DWG  
PLOT SCALE: 1:1

F-22 OPERATIONS AND MAINTENANCE FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
SQUADRON OPERATIONS/AMU HANGAR  
EXTERIOR ELEVATIONS  
(OPTION 3)

HA-200A  
SHEET 713 OF 769



GENERAL NOTES:

1. ELEVATIONS AND BUILDING SECTIONS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED
- 8 4 0 8 16
- SCALE IN FEET
2. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 8.50
3. **L01** LOUVER TYPES: REFERENCE DRAWING VA-400A FOR LOUVER TYPES AND GA-812, GA-813, & GA-814 FOR DETAILS.
4. **151D** DOOR TYPES: REFERENCE DRAWINGS VA-400A AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
5. **W1** WINDOW TYPES: REFERENCE DRAWINGS VA-400A, GA-810, AND GA-811 FOR WINDOW TYPES AND DETAILS.
6. REFERENCE DRAWING GA-900 FOR CAST STONE LINTEL, SILL DETAILS

7. REFERENCE DRAWINGS VA-100A, VA-200A FOR WALL CONTROL JOINT LOCATIONS
8. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
- a. OVERSIZED GROUND FACE BLOCK \_\_\_\_\_ YORK BUILDING PRODUCTS COMPANY, INC  
COLOR: YBP-11  
MORTAR \_\_\_\_\_ COLOR: WR269Y
- b. SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA  
ALL OTHERS LOCATIONS SHALL MATCH ADJACENT  
MATERIAL COLOR.
- c. CAST STONE SILLS, LINTELS, & MEDALLIONS \_\_\_\_\_ MATCH OVERSIZED GROUND FACE BLOCK
- d. BRICK MASONRY \_\_\_\_\_ LAWRENCENVILLE BRICK  
SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A  
MODULAR STANDARD

- e. BRICK MORTAR \_\_\_\_\_ BATCHELDER AND COLLINS / LEHIGH 00024 9. REFERENCE DRAWINGS GA-830 AND GA-831  
f. STANDING SEAM METAL ROOF \_\_\_\_\_ VALSPAR FLUORON DARK BRONZE NO.437B080 FOR MASONRY DETAILS.  
g. EAVE TRIM \_\_\_\_\_ MATCH VALSPAR FLUORON DARK BRONZE NO.437B080  
h. ROOF SOFFIT \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH  
PAINTS NO. 6-650  
i. GUTTERS, DOWNSPOUTS, AND LOUVERS \_\_\_\_\_ MATCH VALSPAR FLUORON DARK BRONZE NO.437B080  
j. GLASS AND GLAZING \_\_\_\_\_ PPC SUNGLAZE 300L BRONZE  
k. WINDOW FRAMES \_\_\_\_\_ MATCH VALSPAR FLUORON DARK BRONZE NO.437B080  
l. HOLLOW METAL DOOR AND FRAMES \_\_\_\_\_ MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 (A)  
m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED  
IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED  
NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS  
NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS  
OR SURFACES. SEE SPECIFICATION FOR FURTHER REQUIREMENTS.



US Army Corps  
of Engineers  
Norfolk District

[illegible]

DESIGNED: RAJ	CHECKED: RMB	DATE: OCT 2001
DRAWN: IHC	SUBMITTED:	SCALE: AS SHOWN
PROJECT NO: HACC023011		NORTHAT DISTRICT FILE NO. LF-422-1,703
AWARDING NO: 01-11-18-13	SPECIFICATION NO: DACA65-01-R-0025	Roll scale: 1:1
Date work on: 10-11-01 File name: 26242 ARCHA DISTRICT VILL TWA-2000.DWG		

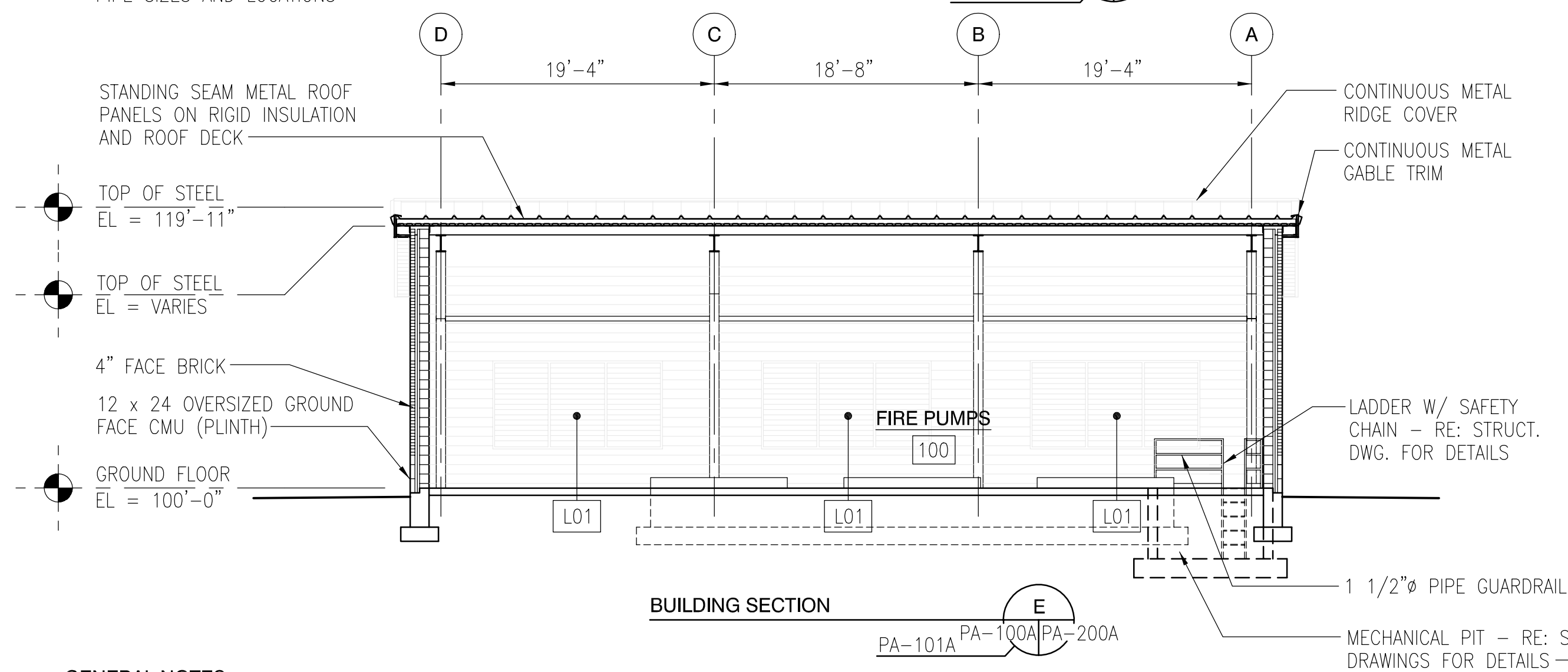
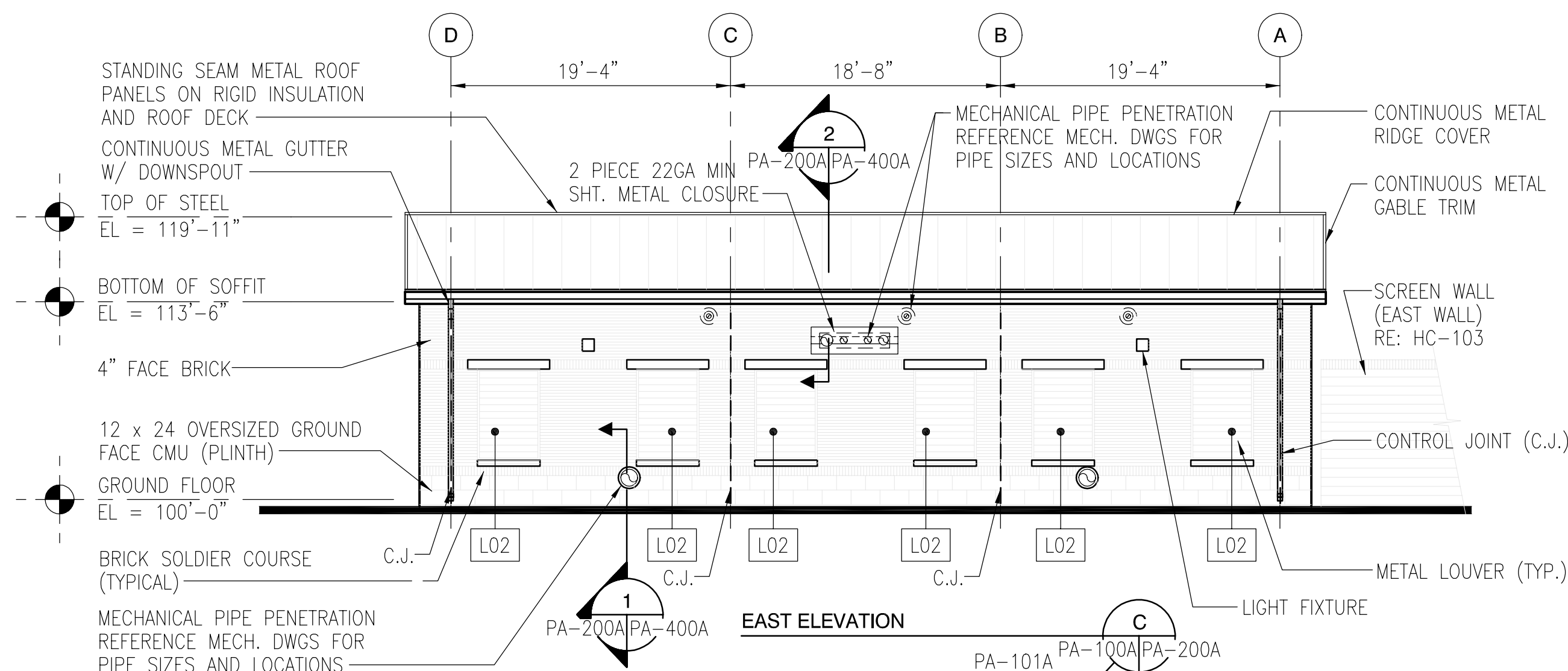
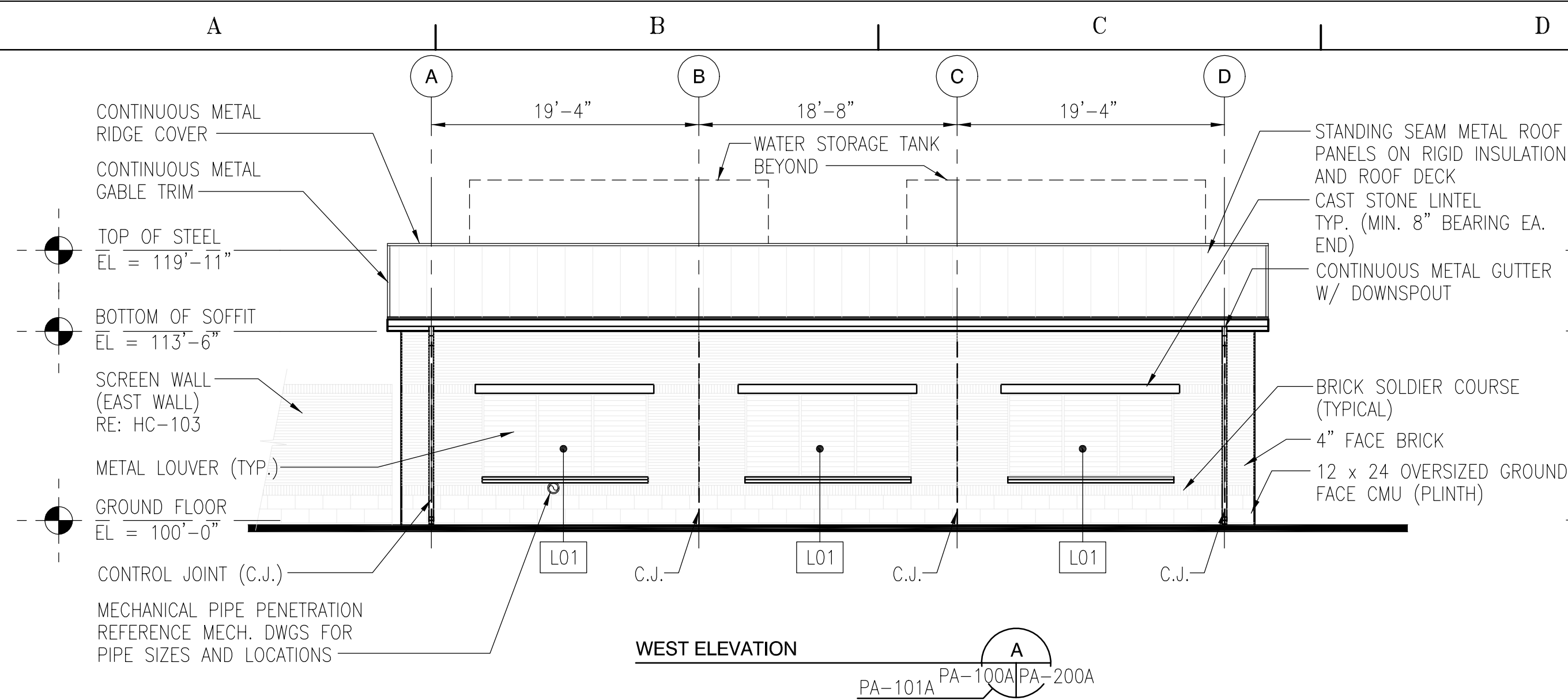
NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA

AIR FIELD LIGHTING VAULT  
EXTERIOR ELEVATIONS  
(OPTION 3)

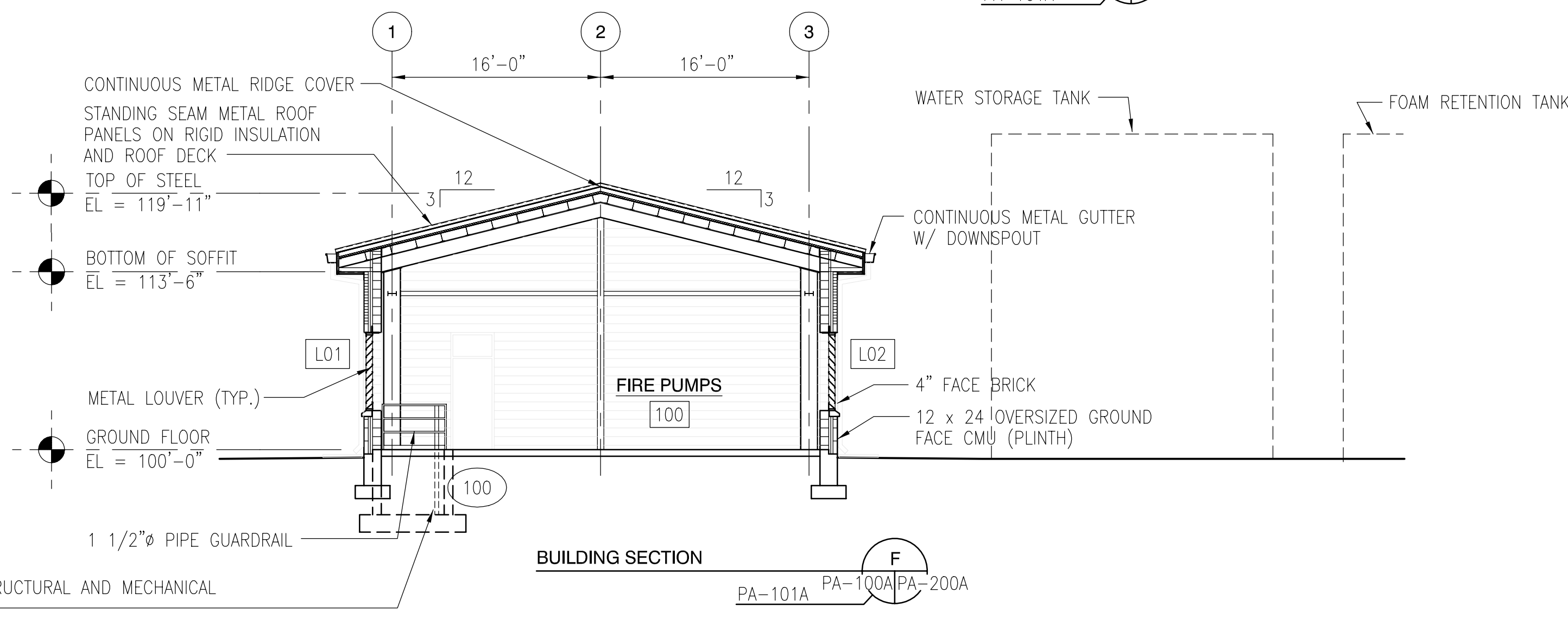
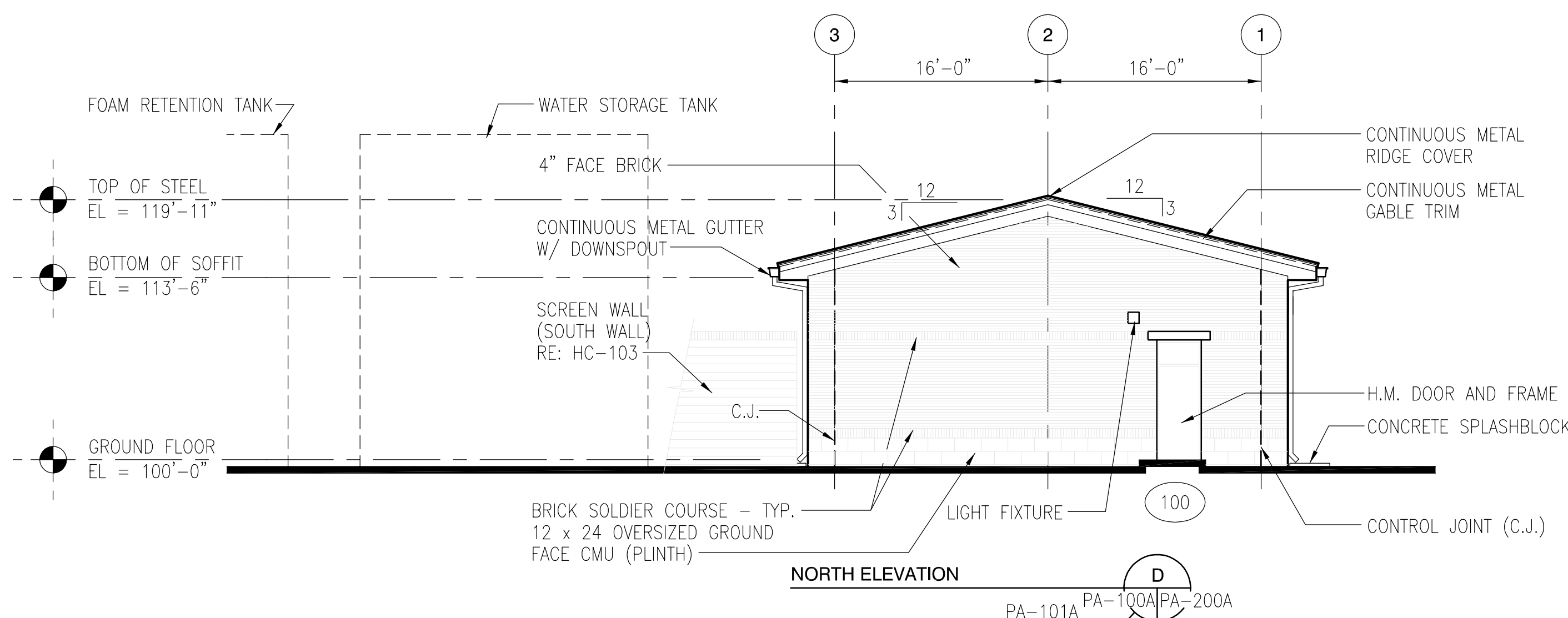
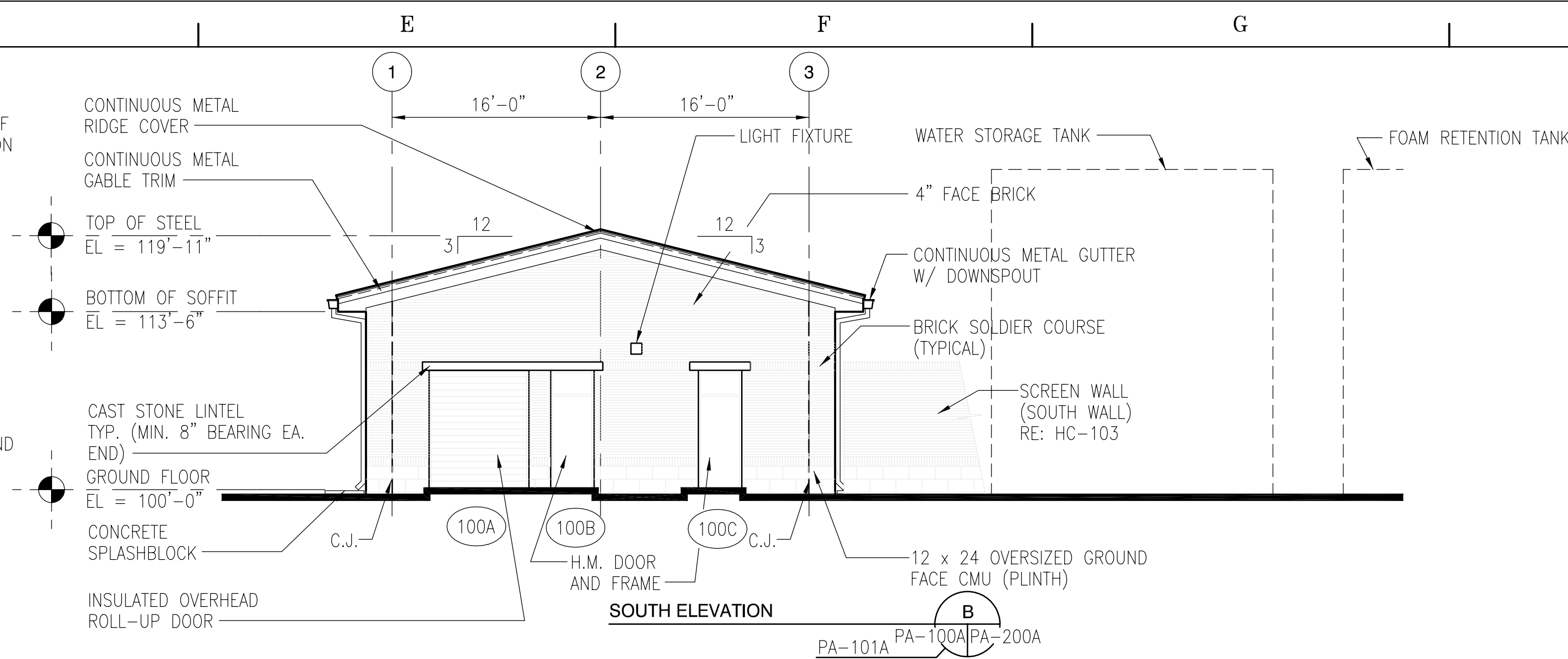
VA-200A  
SHEET703 OF 769



GENERAL NOTES:

- ELEVATIONS AND BUILDING SECTIONS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED
- ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 8.50
- LOUVER TYPES: REFERENCE DRAWING PA-400A FOR LOUVER TYPES AND GA-812, GA-813, AND GA-814 FOR DETAILS.
- DOOR TYPES: REFERENCE DRAWINGS PA-400A AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
- REFERENCE DRAWING GA-900 FOR CAST STONE LINTEL, SILL DETAILS
- REFERENCE DRAWINGS PA-100A, PA-200A FOR WALL CONTROL JOINT LOCATIONS

- EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
  - OVERSIZED GROUND FACE BLOCK - YORK BUILDING PRODUCTS COMPANY, INC COLOR: YBP-11 COLOR: WR269Y
  - SEALANT - BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - CAST STONE SILLS, LINTELS, & MEDALLIONS - MATCH OVERSIZED GROUND FACE BLOCK LAWRENCVILLE BRICK SHADE: SMOOTH FACE, STOCK: NUMBER 3-103 MODULAR STANDARD
  - BRICK MASONRY - BATCHELDER AND COLLINS / LEHIGH 00024
  - BRICK MORTAR - VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - STANDING SEAM METAL ROOF - MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - EAVE TRIM - LAFB SPECIAL BEIGE, MATCH PITTSBURGH
  - ROOF SOFFIT - PAINTS NO. 6-650



- GUTTERS AND DOWNSPOUTS - MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - ALUMINUM LOUVERS - MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - HOLLOW METAL DOOR AND FRAMES - MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - PAIN
8. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.

US Army Corps of Engineers

Norfolk District

PA-200A

SHEET 696 OF 769

REVISED EXTERIOR COLOR SCHEDULE

PA-101A	PA-100A	PA-200A	PA-400A	PA-800A	PA-900A	PA-1000A	PA-1100A	PA-1200A	PA-1300A	PA-1400A	PA-1500A	PA-1600A	PA-1700A	PA-1800A	PA-1900A	PA-2000A	PA-2100A	PA-2200A	PA-2300A	PA-2400A	PA-2500A	PA-2600A	PA-2700A	PA-2800A	PA-2900A	PA-3000A	PA-3100A	PA-3200A	PA-3300A	PA-3400A	PA-3500A	PA-3600A	PA-3700A	PA-3800A	PA-3900A	PA-4000A	PA-4100A	PA-4200A	PA-4300A	PA-4400A	PA-4500A	PA-4600A	PA-4700A	PA-4800A	PA-4900A	PA-5000A	PA-5100A	PA-5200A	PA-5300A	PA-5400A	PA-5500A	PA-5600A	PA-5700A	PA-5800A	PA-5900A	PA-6000A	PA-6100A	PA-6200A	PA-6300A	PA-6400A	PA-6500A	PA-6600A	PA-6700A	PA-6800A	PA-6900A	PA-7000A	PA-7100A	PA-7200A	PA-7300A	PA-7400A	PA-7500A	PA-7600A	PA-7700A	PA-7800A	PA-7900A	PA-8000A	PA-8100A	PA-8200A	PA-8300A	PA-8400A	PA-8500A	PA-8600A	PA-8700A	PA-8800A	PA-8900A	PA-9000A	PA-9100A	PA-9200A	PA-9300A	PA-9400A	PA-9500A	PA-9600A	PA-9700A	PA-9800A	PA-9900A	PA-10000A
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DATE: OCT 2001

SCALE: AS SHOWN

NORFOLK DISTRICT FILE NO. LF-422-1.696

SPECIFICATION NO. DAC65-01-R-0025

FILE NAME: VARSAR VARSAR DESIGN (PUMP) - JHE-PA-200A.DWG

DESIGNED: RAJ

DRAWN: IHC

PRODUCT NO. HAC023012

DRAWING NO. 711-18-13

LAST MODIFIED: 01-11-03

DATE: OCT 2001

SCALE: AS SHOWN

NORFOLK DISTRICT FILE NO. LF-422-1.696

SPECIFICATION NO. DAC65-01-R-0025

FILE NAME: VARSAR VARSAR DESIGN (PUMP) - JHE-PA-200A.DWG

F-22 OPERATIONS AND MAINTENANCE FACILITIES

LANGLEY AIR FORCE BASE, VIRGINIA

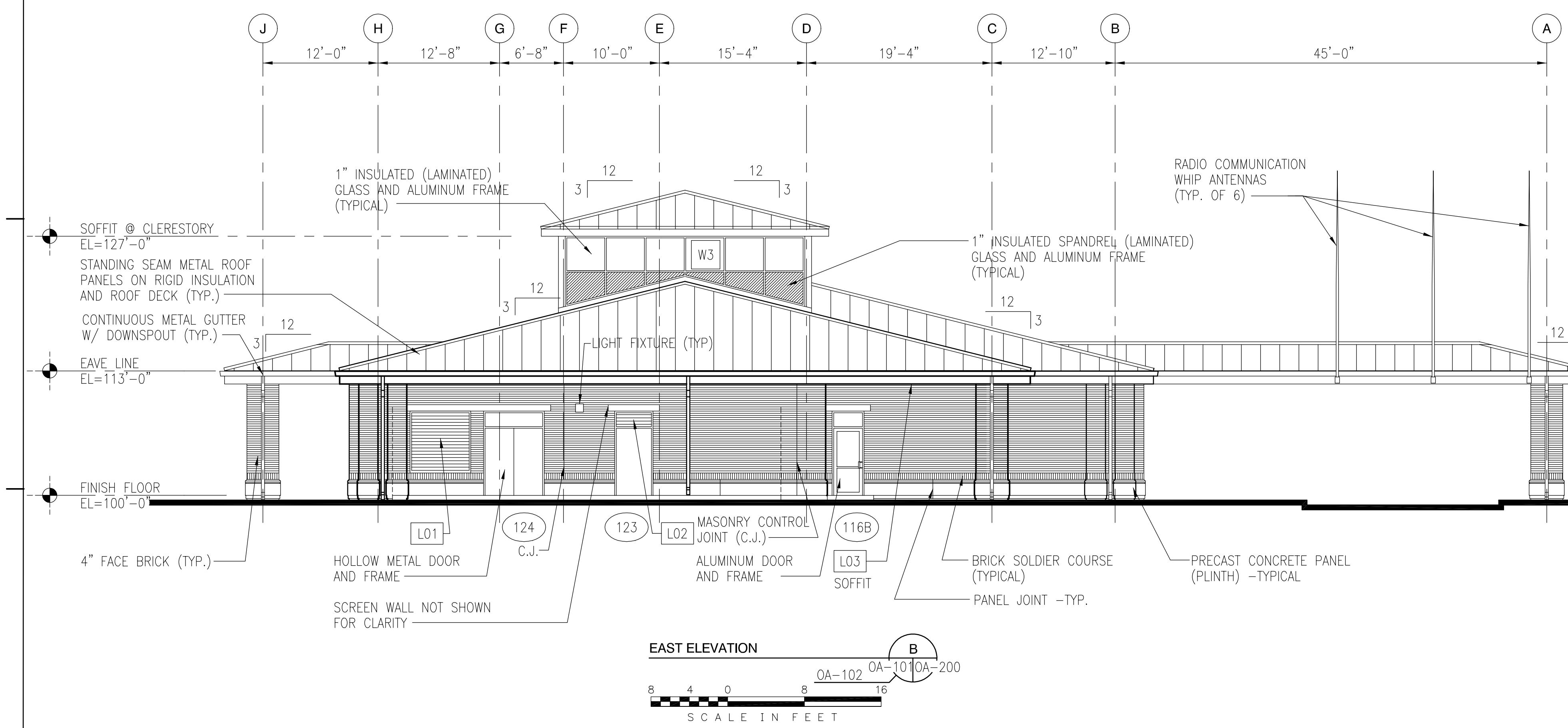
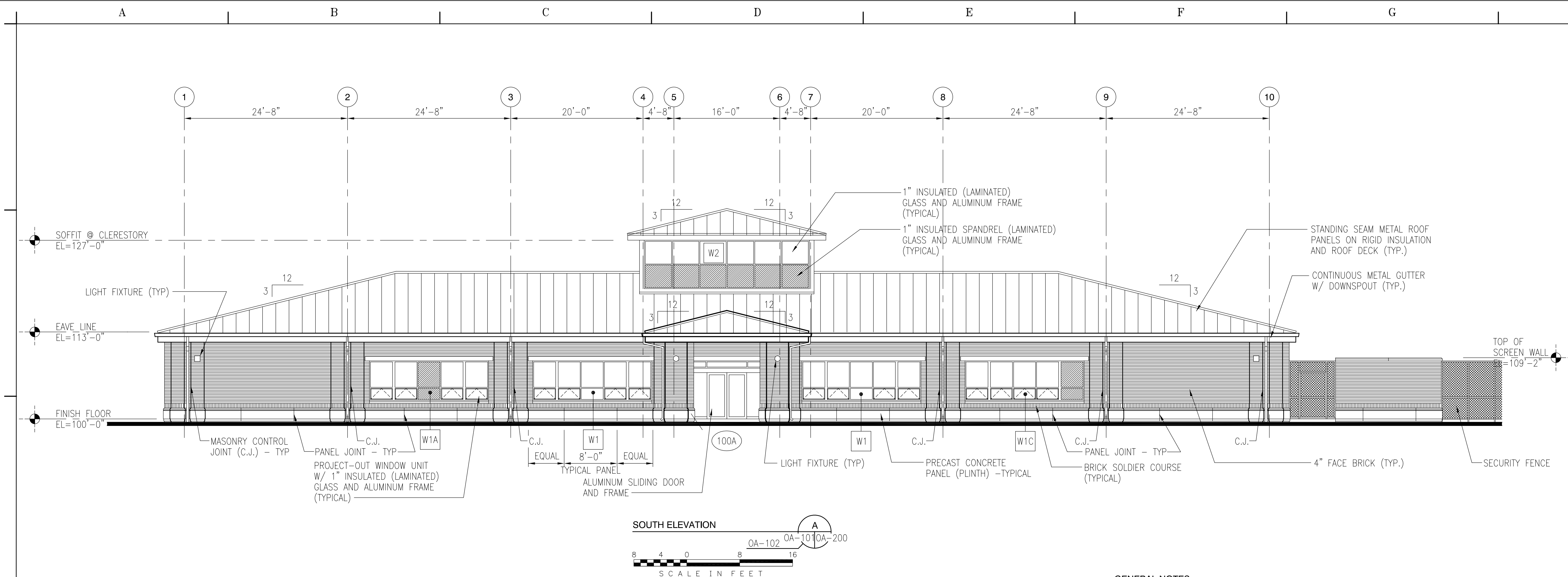
FIRE PUMP HOUSE

EXTERIOR ELEVATIONS (OPTION 3)

LF422696.DWG 01-15-2002 15:42 IHC








- GENERAL NOTES:**
1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.00
  2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE BEGINNING FABRICATION OR STARTING WORK. THE CONTRACT OFFICER SHALL BE NOTIFIED IN WRITING IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THESE DRAWINGS.
  3. **W1C** WINDOW TYPES: REFERENCE DRAWING OA-402 FOR WINDOW TYPES AND GA-810 & GA-811 FOR DETAILS.
  4. **L01** LOUVER TYPES: REFERENCE DRAWING OA-402 FOR LOUVER TYPES AND GA-812 & GA-813 FOR DETAILS.
  5. **123** DOOR TYPES: REFERENCE DRAWINGS OA-401 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
  6. REFERENCE DRAWINGS OA-200, OA-201 AND GA-900 FOR CAST STONE LINTEL, SILL DETAILS
  7. REFERENCE DRAWINGS OA-101, OA-200, AND OA-201 FOR WALL CONTROL JOINT LOCATIONS.
  8. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
    - a. PRECAST CONCRETE \_\_\_\_\_ P & D PRECAST CO., INC.  
COLOR: BUFF/BEST MORTAR W/67
    - b. SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
    - c. CAST STONE SILLS, LINTELS, & MEDALLIONS \_\_\_\_\_ MATCH PRECAST
    - d. BRICK MASONRY \_\_\_\_\_ LAWRENCVILLE BRICK  
SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A  
MODULAR STANDARD  
BATCHELDER AND COLLINS / LEHIGH-00024
    - e. BRICK MORTAR \_\_\_\_\_ VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - f. STANDING SEAM METAL ROOF \_\_\_\_\_ VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - g. EAVE TRIM \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH
    - h. ROOF SOFFIT \_\_\_\_\_ PAINTS NO. 6-650
    - i. GUTTERS AND DOWNSPOUTS \_\_\_\_\_ VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - j. GLASS AND GLAZING \_\_\_\_\_ VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - k. WINDOW FRAMES \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - l. ALUMINUM DOORS, FRAMES & LOUVERS \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - m. HOLLOW METAL DOOR AND FRAMES \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
    - n. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES. SEE SPECIFICATION FOR FURTHER REQUIERMENTS.
  9. REFERENCE DRAWING GA-901 FOR TYPICAL PRECAST CONCRETE PANEL (PLINTH) DETAILS.

US Army Corps  
of Engineers  
Norfolk District

REVISED EXTERIOR COLOR SCHEDULE	DATE: OCT 2001	SCALE: AS SHOWN	NORFOLK DISTRICT FILE NO. LF-422-1546	SPECIFICATION NO. DAC65-01-R-0025	Plot scale: 1" = 16'
RAJ	RWB	THC	PRODUCT NO. HACC023011	DRAWING NO. 711-18-13	File name: VALSPAR DESIGN BASE_OPS PRECAST OA-200.dwg
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA			BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114		

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
BASE OPERATIONS FACILITY  
EXTERIOR ELEVATIONS

OA-200  
SHEET 546 OF 769



US Army Corps  
of Engineers  
Norfolk District

[illegible]

NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	DESIGNED: SDS DRAWN: JLP	CHECKED: CWW SUBMITTED: ERK	DATE: OCT 2001 SCALE: AS SHOWN
		PROJECT NO. HACC023010 DRAWING NO. 711-18-13	NORFOLK DISTRICT FILE NO. LF-422-1523 SPECIFICATION NO. DAC65-01-R-0025	Last worked on: 01/15/02 Plot scale: 1"=60' LING

<p>F-22 OPERATIONS AND MAINTENANCE FACILITIES</p> <p>LANGLEY AIR FORCE BASE, VIRGINIA</p>	<p>LO/CRF FACILITY</p> <p>PANEL SCHEDULES</p>
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LE-606  
SHEET523 OF769

PANELBOARD NAME: LPP1					65,000 RMS SYMMETRICAL A.I.C.									
PANELBOARD TYPE: MAIN CIRCUIT BREAKER					SURFACE MOUNTED, NEMA 1 ENCLOSURE					600 AMP TRIP MAIN BREAKER				
PANEL LOCATION: ROOM 140					480Y/277 VOLTS, 3 PHASE, 4 WIRE					600 AMP MAINS				
SUPPLIED FROM: SUB 2														

CKT NO.	TRIP AMPS	NO. POLES	WIRE / CONDUIT	GND. WIRE	LOAD SERVED	LOAD VA & PHASE	Ø	LOAD VA & PHASE	LOAD SERVED	GND. WIRE	WIRE / CONDUIT	NO. POLES	TRIP AMPS	CKT. NO.
1						5500	A	66000						2
3	40	3	#8 , 1"	#10	HANGAR DOOR 109	5500	B	66000	VAC PUMP SYSTEM(180HP)	#2	#500 , 4"	3	350	4
5						5500	C	66000						6
7						5500	A	9400						8
9	40	3	#8 , 1"	#10	HANGAR DOOR 114	5500	B	9400	FOAM PUMP CONTROL STATION	#8	#4 , 1 1/2"	3	70	10
11						5500	C	9400	(25 HP)					12
13							A	950						14
15	20	3			SPARE		B	950	SANITARY LIFT STATION	#8	#2 , 1 1/2"	3	20	16
17							C	950						18
19							A							20
21	20	3			SPARE		B		SPARE			3	20	22
23							C							24
25							A							26
27	20	3			SPARE		B		SPARE			3	100	28
29							C							30
31							A							32
33	40	3			SPARE		B		SPARE			3	20	34
35							C							36
37						11000	A	6000						38
39	70	3	#4 , 1-1/4"	#8	PANEL LLP1 VIA XFMR LT3-45KVA	13400	B	5100	PANEL IG1 VIA XFMR LT4-30KVA	#8	#6 , 1-1/4"	3	50	40
41						13500	C	4200						42

TOTAL CONNECTED LOAD = 315.3 KVA X 62% DEMAND FACTOR = 195 KVA ESTIMATED DEMAND LOAD														
PHASE BALANCE (KVA) - A: 104.4 , B: 105.9 , C: 105.1														

PANELBOARD NAME: LPP3					65,000 RMS SYMMETRICAL A.I.C.									
PANELBOARD TYPE: MAIN CIRCUIT BREAKER					SURFACE MOUNTED, NEMA 1 ENCLOSURE					800 AMP TRIP MAIN BREAKER				
PANEL LOCATION: ROOM 140					480Y/277 VOLTS, 3 PHASE, 4 WIRE					800 AMP MAINS				
SUPPLIED FROM: SUB 2														

CKT NO.	TRIP AMPS	NO. POLES	WIRE / CONDUIT	GND. WIRE	LOAD SERVED	LOAD VA & PHASE	Ø	LOAD VA & PHASE	LOAD SERVED	GND. WIRE	WIRE / CONDUIT	NO. POLES	TRIP AMPS	CKT. NO.
1						43000	A	34300						2
3	225	3	#4/0 , 2 1/2"	#4	AHU-L3	43000	B	34300	EF-L3	#4	#4/0 , 2 1/2"	3	200	4
5						43000	C	34300						6
7						43000	A	34300						8
9	225	3	#4/0 , 2 1/2"	#4	AHU-L4	43000	B	34300	EF-L4	#4	#4/0 , 2 1/2"	3	200	10
11						43000	C	34300						12
13						900	A							14
15	20	3	#12 , 3/4"	#12	CP-L4A,CP-L4B,	900	B		SPARE			3	50	16
17						900	C							18
19						900	A							20
21	20	3	#12 , 3/4"	#12	CP-L3A,CP-L3B,	900	B		SPARE			3	50	22
23						900	C							24
25							A							26
27	100	3			SPARE		B		SPARE			3	30	28
29							C							30
31							A							32
33	100	3			SPARE		B		SPARE			3	20	34
35							C							36
37							A							38
39	20	3			SPARE		B		SPARE			3	20	40
41							C							42

TOTAL CONNECTED LOAD = 469.2 kVA X 100% DEMAND FACTOR = 468.1 kVA ESTIMATED DEMAND LOAD		
PHASE BALANCE (KVA) - A: 156.4 , B: 156.4 , C: 156.4		

PANELBOARD NAME: LPP2					65,000 RMS SYMMETRICAL A.I.C.					800 AMP TRIP MAIN BREAKER				
PANELBOARD TYPE: MAIN CIRCUIT BREAKER					SURFACE MOUNTED, NEMA 1 ENCLOSURE					800 AMP MAINS				
PANEL LOCATION: ROOM 140					480Y/277 VOLTS, 3 PHASE, 4 WIRE									
SUPPLIED FROM: SUB 2														

CKT NO.	TRIP AMPS	NO. POLES	WIRE / CONDUIT	GND. WIRE	LOAD SERVED	LOAD VA & PHASE	Ø	LOAD VA & PHASE	LOAD SERVED	GND. WIRE	WIRE / CONDUIT	NO. POLES	TRIP AMPS	CKT NO.
1						43000	A	34300						2
3	225	3	#4/0 , 2 1/2"	#4	AHU-L1(125 HP)	43000	B	34300	EF-L1	#4	#4/0 , 2 1/2"	3	200	4
5						43000	C	34300						6
7						43000	A	34300						8
9	225	3	#4/0 , 2 1/2"	#4	AHU-L2(125 HP)	43000	B	34300	EF-L2	#4	#4/0 , 2 1/2"	3	200	10
11						43000	C	34300						12
13						900	A							14
15	20	3	#12 , 3/4"	#12	CP-L1A,CP-L1B	900	B		SPARE			3	50	16
17						900	C							18
19						900	A							20
21	20	3	#12 , 3/4"	#12	CP-L2A,CP-L2B	900	B		SPARE			3	50	22
23						900	C							24
25							A							26
27	100	3			SPARE		B		SPARE			3	30	28
29							C							28
31							A							32
33	100	3			SPARE		B		SPARE			3	20	34
35							C							36
37							A							38
39	20	3			SPARE		B		SPARE			3	20	40
41							C							42

TOTAL CONNECTED LOAD = 469.2 kVA X 100% DEMAND FACTOR = 469.2 kVA ESTIMATED DEMAND LOAD  
PHASE BALANCE (KVA) - A: 156.4 , B: 156.4 , C: 156.4

PANELBOARD NAME: LPP4					65,000 RMS SYMMETRICAL A.I.C.					800 AMP TRIP MAIN BREAKER				
PANELBOARD TYPE: MAIN CIRCUIT BREAKER					SURFACE MOUNTED, NEMA 1 ENCLOSURE					800 AMP MAINS				
PANEL LOCATION: ROOM 140					480Y/277 VOLTS, 3 PHASE, 4 WIRE									
SUPPLIED FROM: SUB 2														

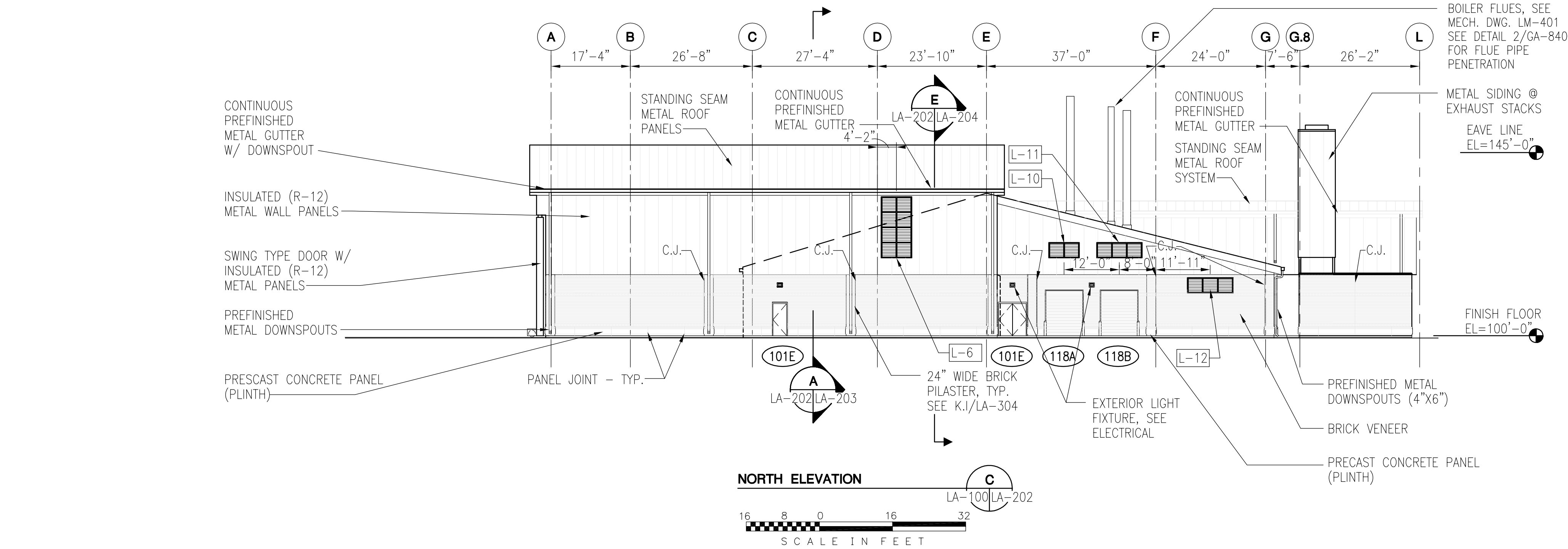
  

CKT NO.	TRIP AMPS	NO. POLES	WIRE / CONDUIT	GND. WIRE	LOAD SERVED	LOAD VA & PHASE	Ø	LOAD VA & PHASE	LOAD SERVED	GND. WIRE	WIRE / CONDUIT	NO. POLES	TRIP AMPS	CKT NO.
1						79000	A	79000						2
3	500	3	#500 , 4"	#2	AIR COMPRESSOR-AC-L1	79000	B	79000	AIR COMPRESSOR-AC-L2	#2	#500 , 4"	3	500	4
5						79000	C	79000						6
7						6720	A	3000						8
9	60	3	#6 , 1"	#8	TORRET BOOTH	6720	B	3000	AIR DRYER AD-L1	#12	#12 , 3/4"	3	20	10
11						6720	C	3000						12
13							A	3000						14
15	20	3			SPARE		B	3000	AIR DRYER AD-L2	#12	#12 , 3/4"	3	20	16
17							C	3000						18
19							A							20
21	20	3			SPARE		B		SPARE			3	20	22
23							C							24
25							A							26
27	20	3			SPARE		B		SPARE			3	20	28
29							C							30
31							A							32
33					SPACE		B		SPACE					34
35							C							36
37							A							38
39					SPACE		B		SPACE					40
41							C							42

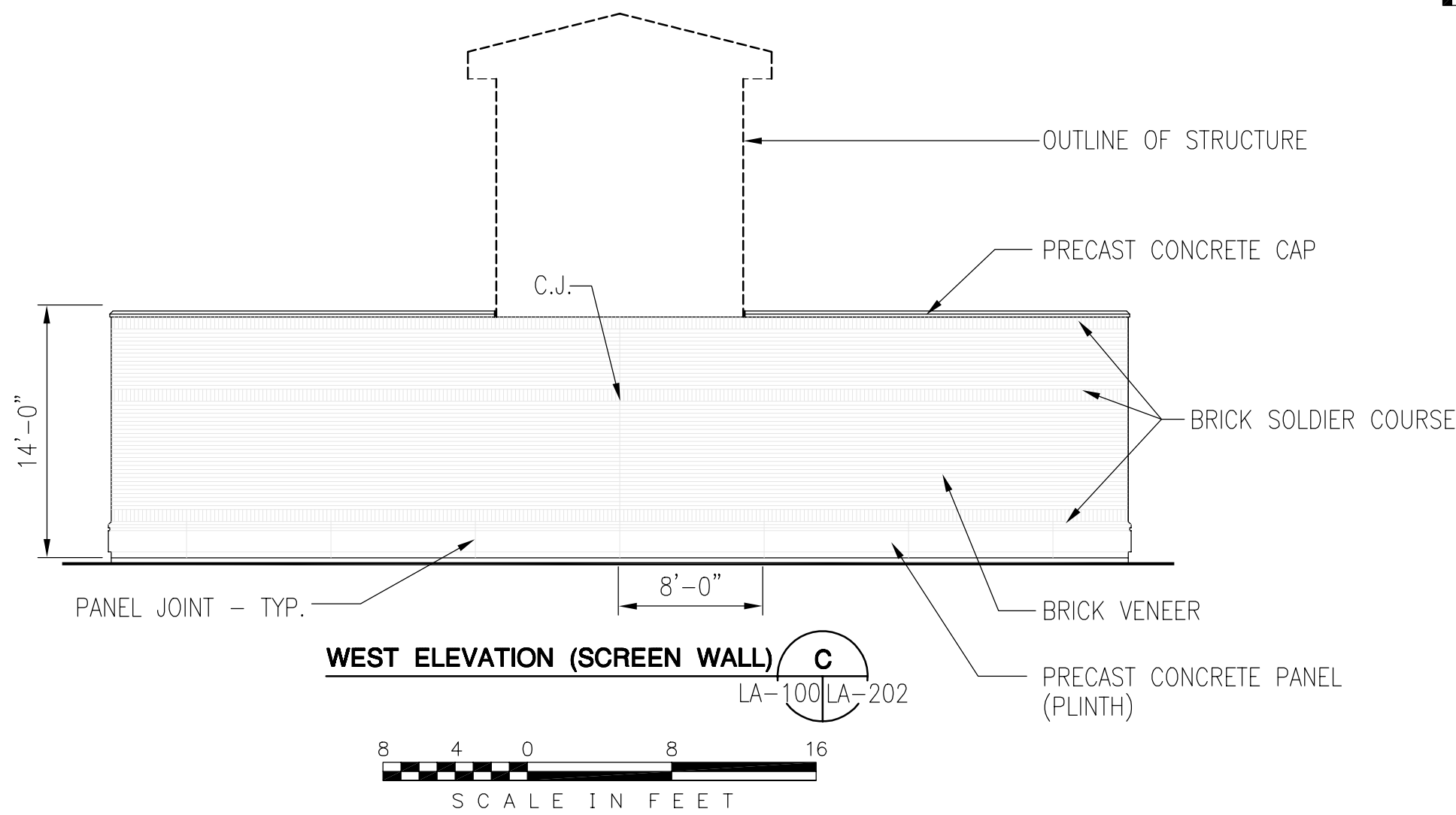
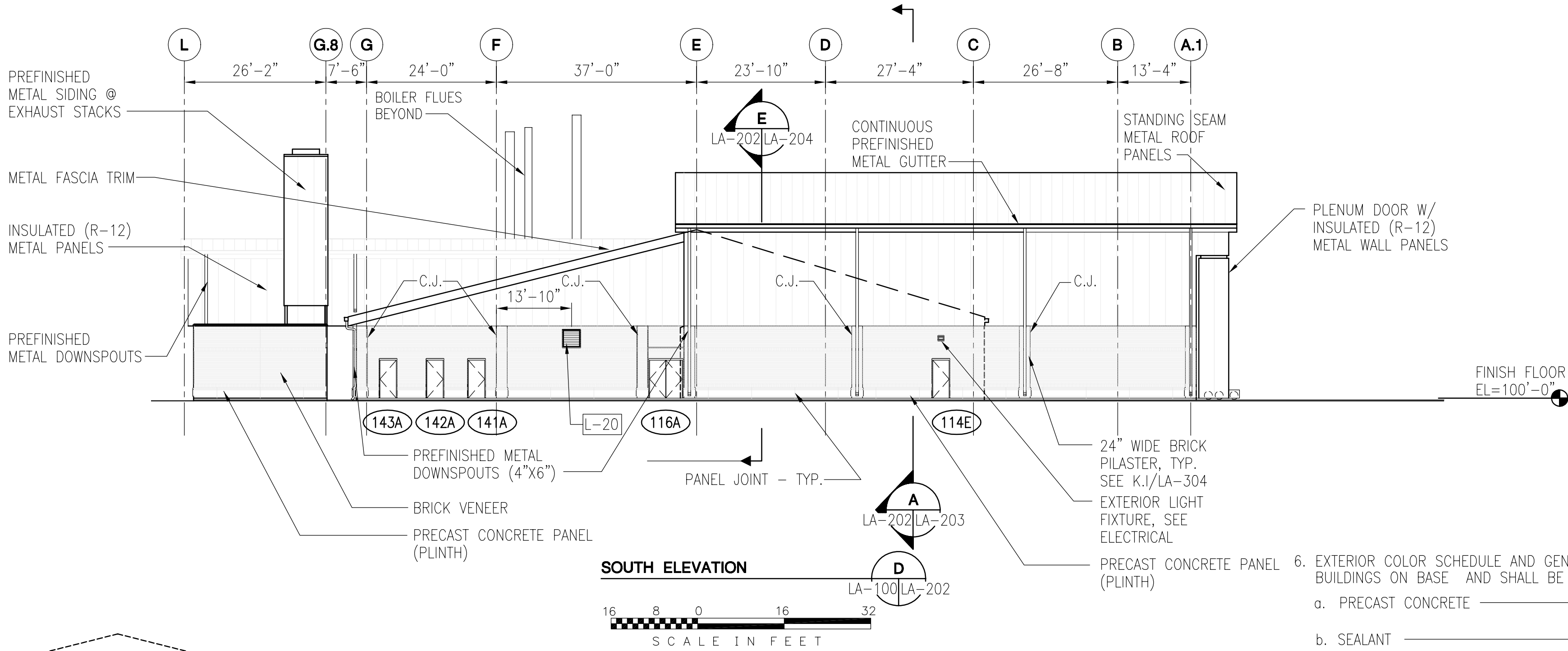
  

TOTAL CONNECTED LOAD = 512.2 kVA X 61% DEMAND FACTOR = 310.9 kVA ESTIMATED DEMAND LOAD		
PHASE BALANCE (KVA) - A: 170.7 , B: 170.7 , C: 170.7		





**PRECAST CONCRETE PANEL NOTE:**  
PRECAST CONCRETE PANEL MAXIMUM LENGTH SHALL BE 8'-0". THE 8'-0" PANEL SHALL BE CENTERED BETWEEN THE PILASTERS AND PANEL JOINTS SHALL BE IN 8'-0" INCREMENTS OR LESS AT INTERSECTION OF PILASTER.

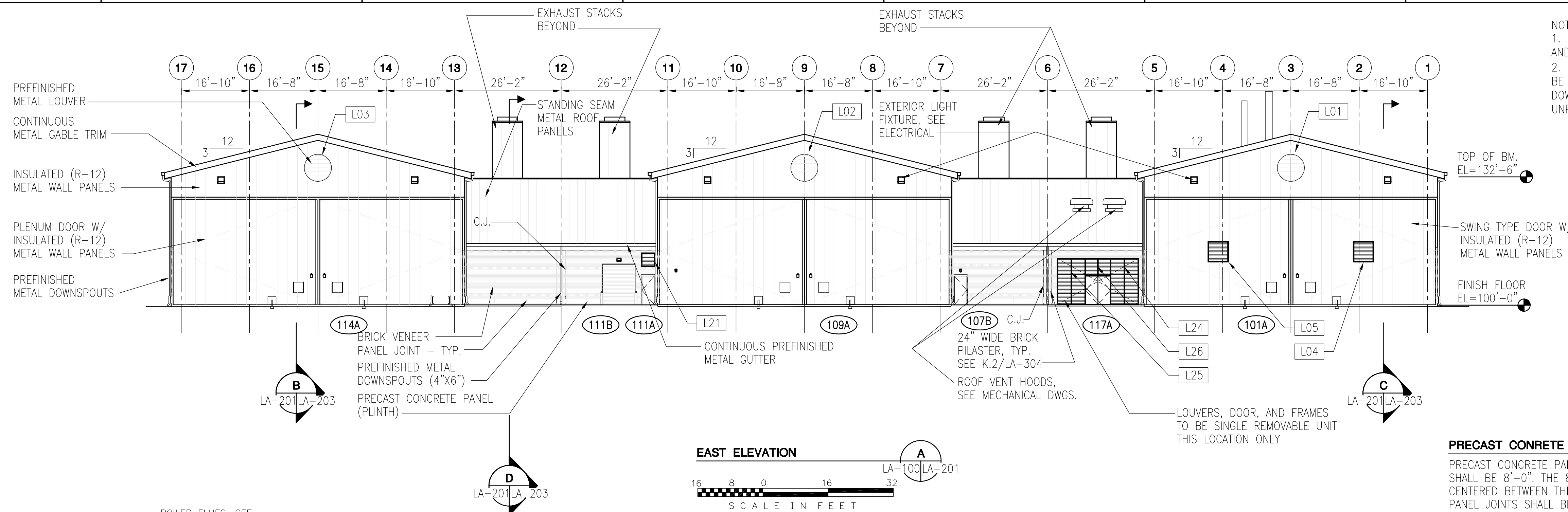


**GENERAL NOTES:**

1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. [L05] LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. (151D) DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201, LA-202, LA-203 AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.

6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
  - a. PRECAST CONCRETE \_\_\_\_\_ P & D PRECAST CO., INC.  
COLOR: BUFF/BEST MORTAR W/67
  - b. SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - c. CAST STONE SILLS, LINTELS, & MEDALLIONS - MATCH PRECAST LAWRENCENVILLE BRICK
  - d. BRICK MASONRY \_\_\_\_\_ SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A MODULAR STANDARD
  - e. BRICK MORTAR \_\_\_\_\_ BATCH/ORDER AND COLINS / 1EHIGH 00024
  - f. STANDING SEAM METAL ROOF \_\_\_\_\_ VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - g. ROOF SOFFIT \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - h. FASCIA TRIM \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - i. INSULATED AND INTERIOR LINER PANELS \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - j. GUTTERS \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - k. DOWNSPOUTS AND LOUVERS \_\_\_\_\_ AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - l. HOLLOW METAL DOOR AND FRAMES \_\_\_\_\_ AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS
7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.
8. REFERENCE DRAWINGS GA-901 FOR TYPICAL PRECAST PANEL (PLINTH) DETAILS.

REVISED EXTERIOR COLOR SCHEDULE	DATE: OCT 2001
DESIGNED: JLC	DRAWN: BBA
CHECKED: RAJ	SUBMITTED: ERK
NORFOLK DISTRICT FILE NO. LF-482-1.355	
SPECIFICATION NO. DAC65-01-R-0025	
DRAWING NO. 711-18-13	
Last revised on: 10/10/03	
File name: V:\S45\VA06\LA022.DWG	
PLOT scale: 1:1	
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	
F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA	
LO/CRF FACILITY EXTERIOR ELEVATIONS	
LA-202	
SHEET 355 OF 769	

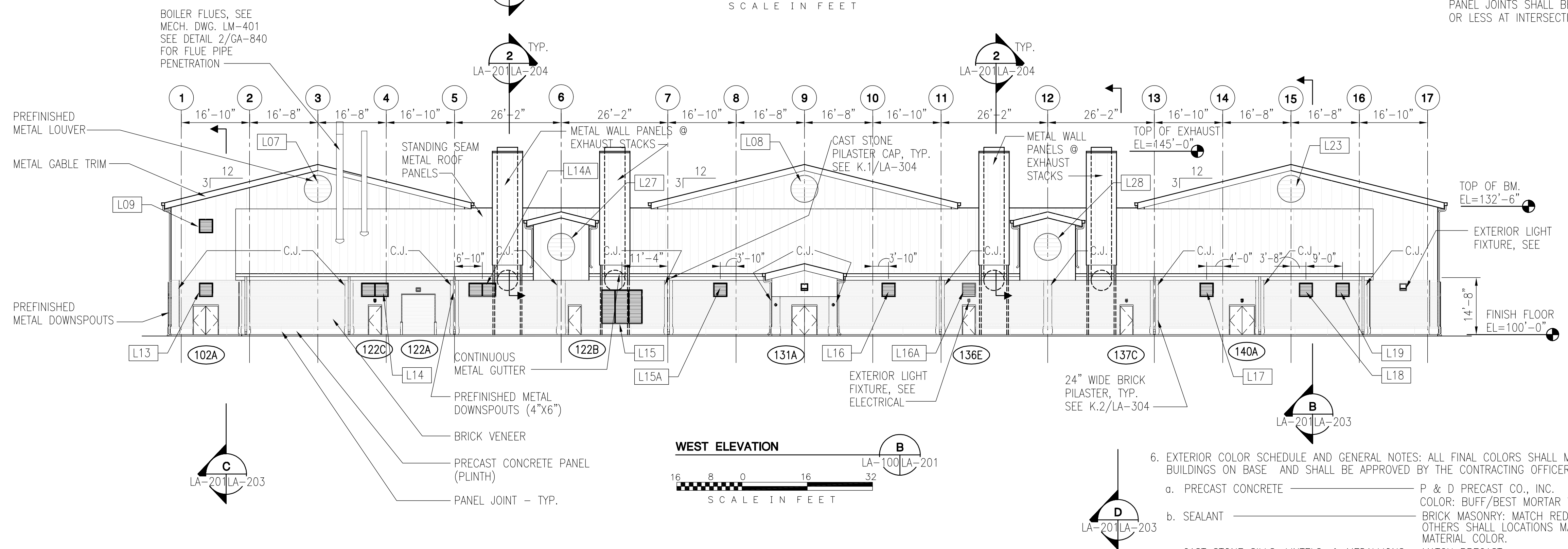


NOTE:

1. SEE LA-403 FOR LOUVER SIZES AND MOUNTING HEIGHTS.
2. CONCRETE SPLASH BLOCKS TO BE LOCATED AT ALL METAL DOWNSPOUTS DISCHARGING TO UNPAVED AREAS

**PRECAST CONCRETE PANEL NOTE:**

PRECAST CONCRETE PANEL MAXIMUM LENGTH SHALL BE 8'-0". THE 8'-0" PANEL SHALL BE CENTERED BETWEEN THE PILASTERS AND PANEL JOINTS SHALL BE IN 8'-0" INCREMENTS OR LESS AT INTERSECTION OF PILASTER.



6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.

- 203
- |  |  |
|--|--|
| a. PRECAST CONCRETE  | P & D PRECAST CO., INC.<br>COLOR: BUFF/BEST MORTAR W/67  |
| b. SEALANT   | BRICK MASONRY: MATCH REDWOOD TAN BY PECORA,<br>OTHERS SHALL LOCATIONS MATCH ADJACENT<br>MATERIAL COLOR.                              |
| c. CAST STONE SILLS, LINTELS, & MEDALLIONS   | MATCH PRECAST  |
| d. BRICK MASONRY   | LAWRENCENVILLE BRICK<br>SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A<br>MODULAR STANDARD  |
| e. BRICK MORTAR  | BATCHLEDER AND COLLINS / 1EIGH 00024   |
| f. STANDING SEAM METAL ROOF  | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080   |
| g. ROOF SOFFIT   | LAFB SPECIAL BEIGE,<br>MATCH PITTSBURGH PAINTS NO. 6-650   |
| h. FASCIA TRIM   | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080   |
| i. INSULATED AND INTERIOR LINER PANELS   | LAFB SPECIAL BEIGE,<br>MATCH PITTSBURGH PAINTS NO. 6-650   |
| j. GUTTERS   | MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080   |
| k. DOWNSPOUTS AND LOUVERS  | AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080<br>AT WALL PANELS, LAFB SPECIAL BEIGE,<br>MATCH PITTSBURGH PAINTS NO. 6-650 |
| l. HOLLOW METAL DOOR AND FRAMES  | AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080<br>AT WALL PANELS, LAFB SPECIAL BEIGE,<br>MATCH PITTSBURGH PAINTS NO. 6-650 |
| m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED<br>IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED<br>NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS<br>NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS |  |
| 7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.   |  |
| 8. REFERENCE DRAWINGS GA-901 FOR TYPICAL PRECAST PANEL (PLINTH) DETAILS.   |  |

**GENERAL NOTES:**

1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. L05 LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. 151D DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201, LA-202, LA-203 AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.

[illegible]

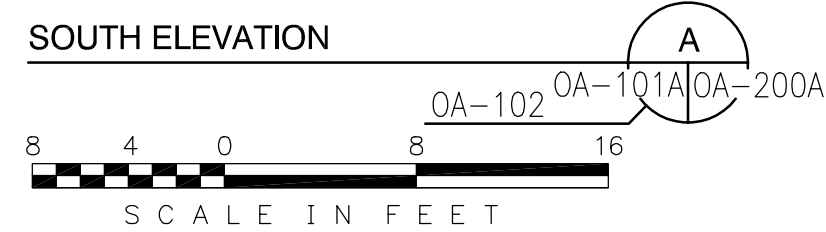
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	ORIGIN:	BBA	SUBMITTER:	AS SHOWN	2001
	DATE:	11/18/13	SCALE:	1:1	
PROJECT NO.		HACCO23010		NORFOLK COUNTY FILE NO.	
		LF=482-1, 354			
DRAWING NO.		74118-13		SPECIFICATION NO.	
FILE NUMBER:		20845\AR\NA\3522.DWG		DACA605-01-R-0025	

FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
LO/CRF FACILITY  
EXTERIOR ELEVATIONS

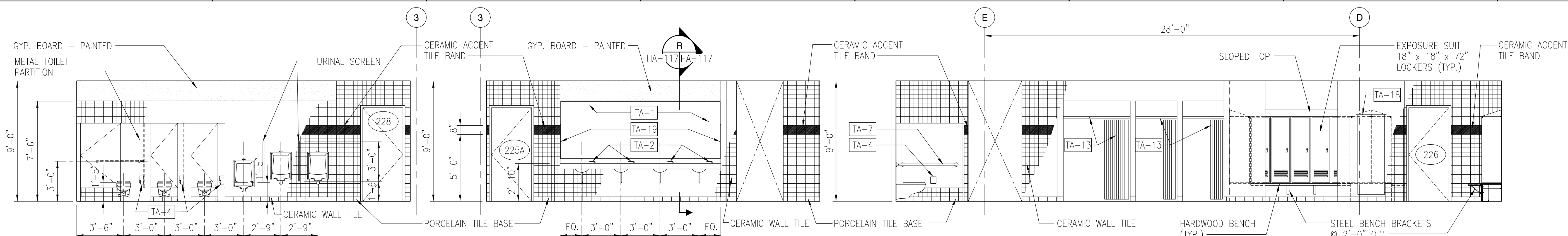
LA-201  
HEET354 OF 769





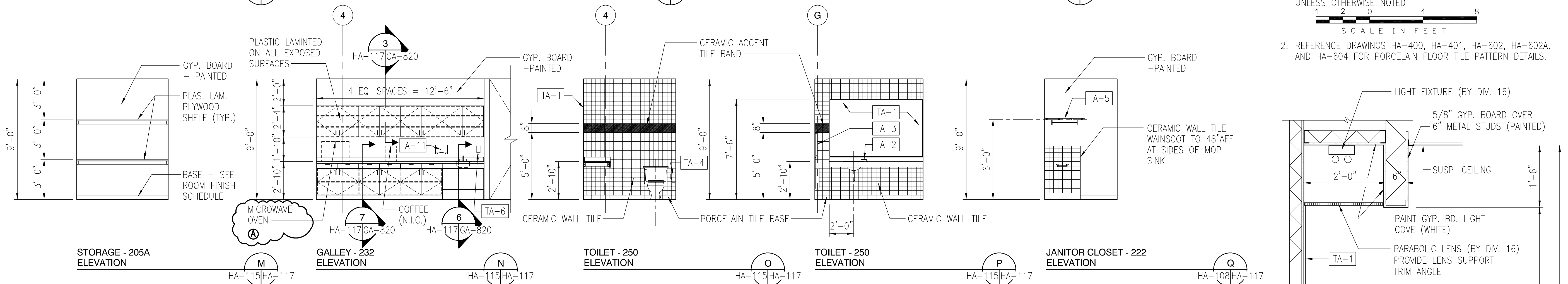


1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9'00
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE BEGINNING FABRICATION OR STARTING WORK. THE CONTRACT OFFICER SHALL BE NOTIFIED IN WRITING IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THESE DRAWINGS.
3. **W1C** WINDOW TYPES: REFERENCE DRAWING OA-402A FOR WINDOW TYPES AND GA-810 & GA-811 FOR DETAILS.
4. **L01** LOUVER TYPES: REFERENCE DRAWING OA-402A FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
5. **123** DOOR TYPES: REFERENCE DRAWINGS OA-401A AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
6. REFERENCE DRAWINGS OA-200A, OA-201A AND GA-900 FOR CAST STONE LINTEL, SILL DETAILS
7. REFERENCE DRAWINGS OA-101A, OA-200A, AND OA-201A FOR WALL CONTROL JOINT LOCATIONS.
8. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
- a. OVERSIZED GROUND FACE BLOCK \_\_\_\_\_ YORK BUILDING PRODUCTS COMPANY, INC  
COLOR: YBP-11  
MORTAR \_\_\_\_\_ COLOR: WR269Y
- b. SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, ALL OTHERS LOCATIONS SHALL MATCH ADJACENT MATERIAL COLOR.
- c. CAST STONE SILLS, LINTELS, & MEDALLIONS \_\_\_\_\_ MATCH OVERSIZED GROUND FACE BLOCK
- d. BRICK MASONRY \_\_\_\_\_ LAWRENCENVILLE BRICK  
SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A  
MODULAR STANDARD
- e. BRICK MORTAR \_\_\_\_\_ BATCHELDER AND COLLINS / LEHIGH 00024
- f. STANDING SEAM METAL ROOF \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B
- g. EAVE TRIM \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B
- h. ROOF SOFFIT \_\_\_\_\_ LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
- i. GUTTERS AND DOWNSPOUTS \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B
- j. GLASS AND GLAZING \_\_\_\_\_ PPC SINGATE 500 BRONZE
- k. WINDOW FRAMES \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B
- l. ALUMINUM DOORS, FRAMES & LOUVERS \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B
- m. HOLLOW METAL DOOR AND FRAMES \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B
- n. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES. SEE SPECIFICATION FOR FURTHER REQUIREMENTS.

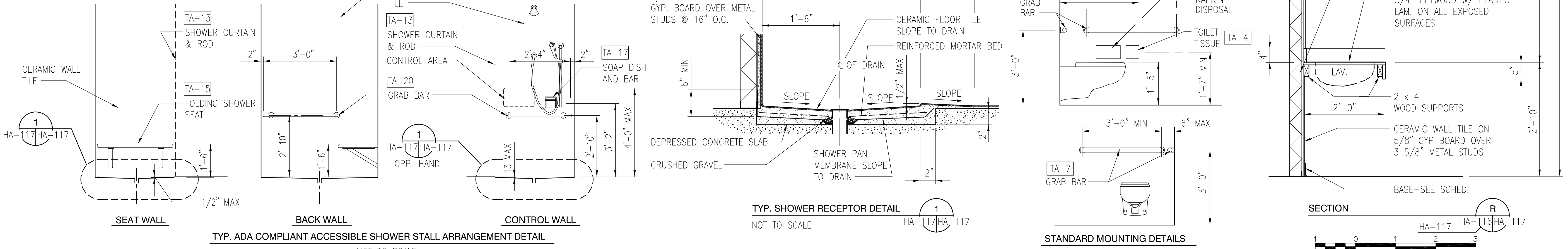


MEN'S TOILET - 228 ELEVATION J HA-115 HA-117  
MEN'S TOILET - 228 ELEVATION K HA-115 HA-117  
MEN'S TOILET - 228 ELEVATION L HA-115 HA-117

**GENERAL NOTES:**  
1. ELEVATIONS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED  
2. REFERENCE DRAWINGS HA-400, HA-401, HA-602, HA-602A, AND HA-604 FOR PORCELAIN FLOOR TILE PATTERN DETAILS.



STORAGE - 205A ELEVATION M HA-115 HA-117  
GALLEY - 232 ELEVATION N HA-115 HA-117  
TOILET - 250 ELEVATION O HA-115 HA-117



JANITOR CLOSET - 222 ELEVATION P HA-115 HA-117  
JANITOR CLOSET - 222 ELEVATION Q HA-108 HA-117  
SECTION R HA-117 HA-116 HA-117

TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-1	MIRROR (FULL WIDTH OF LAV. COUNTER x 4'-4" HIGH)	B-290	RE: TOILET ELEVATIONS ON DWG HA-116 & HA-117
TA-2	SOAP DISPENSER	B-822	LAVATORY COUNTERTOP MOUNTED
TA-3	PAPER TOWEL DISP W/ WASTE RECEP	B-3944	5'-0" TO TOP OF ITEM
TA-4	TOILET TISSUE DISPENSER	B-288	RE: STANDARD MOUNTING DETAILS, HA-117
TA-5	30" MOP & BROOM HOLDER W/ UTILITY SHELF	B-224	6'-0" TO CENTER OF ITEM
TA-6	SOAP DISPENSER	B-155	ABOVE AND ON RIGHT SIDE OF LAV.
TA-7	PAIR OF GRAB BARS 36" LONG AND 42" LONG	B-5507.99	RE: STANDARD MOUNTING DETAILS, HA-117

TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-8	SANITARY NAPKIN DISPOSAL	B-270	RE: STANDARD MOUNTING DETAILS, HA-117
TA-9	SANITARY NAPKIN - TAMPON DISPENSER	B-2800	6'-2" TO TOP OF DISPENSER (4'-4" TO TOP OF ITEM - HANDL.)
TA-10	TOWEL BAR 24"	B-6737	3'-0" TO CENTERLINE OF ITEM
TA-11	PAPER TOWEL DISPENSER	B-263	SEE ELEVATION N ON THIS DWG
TA-12	ROBE HOOK	B-6727	5'-0" TO CENTER OF ITEM
TA-13	SHOWER CURTAIN ROD, HOOKS AND CURTAIN	B-6047, 204-1 & 204-2	6'-4" TO CENTER OF ITEM
TA-14	GRAB BAR 21" x 31" (SHOWER STALL)	B-6161	2'-10" TO CENTER OF ITEM

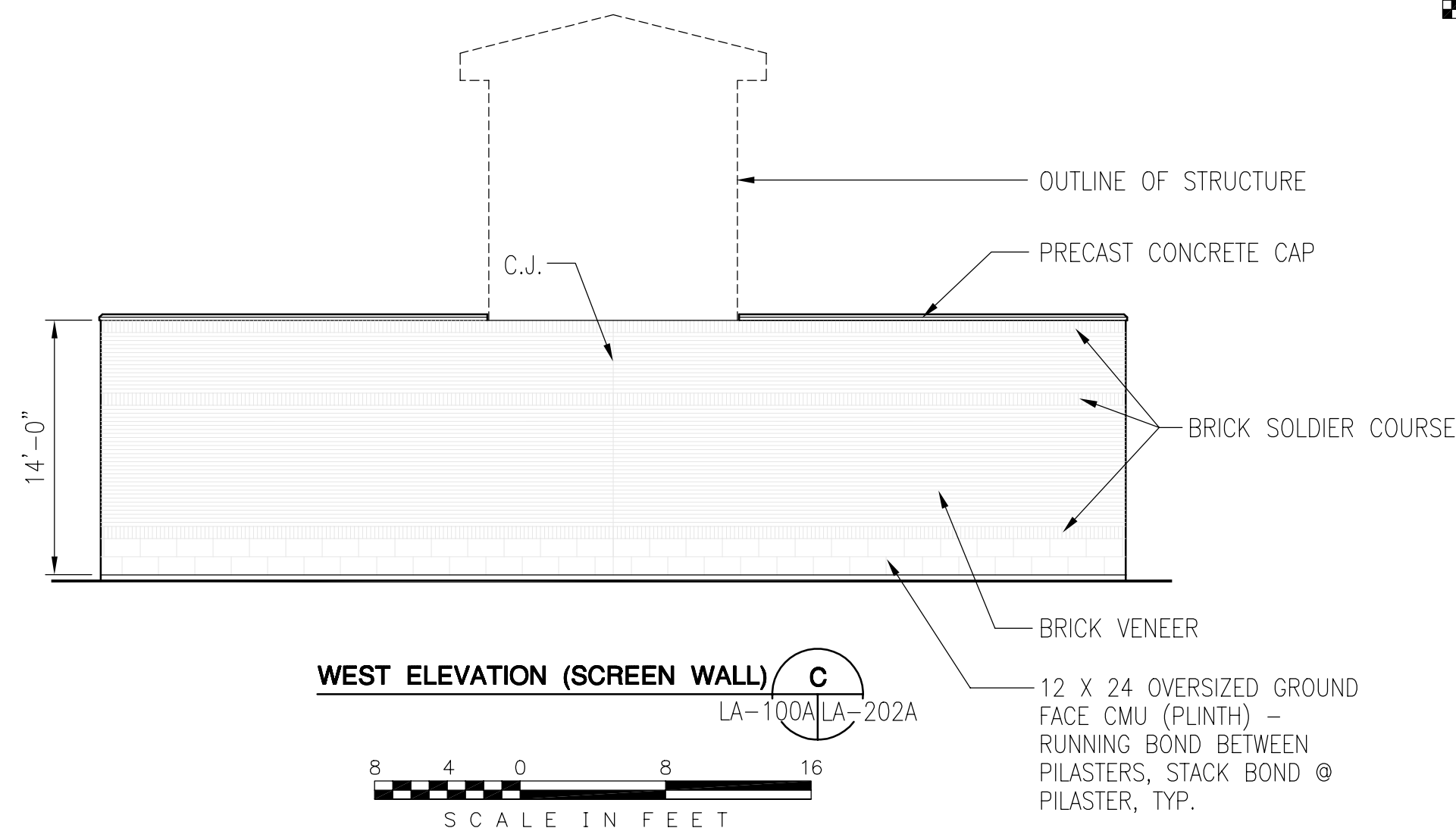
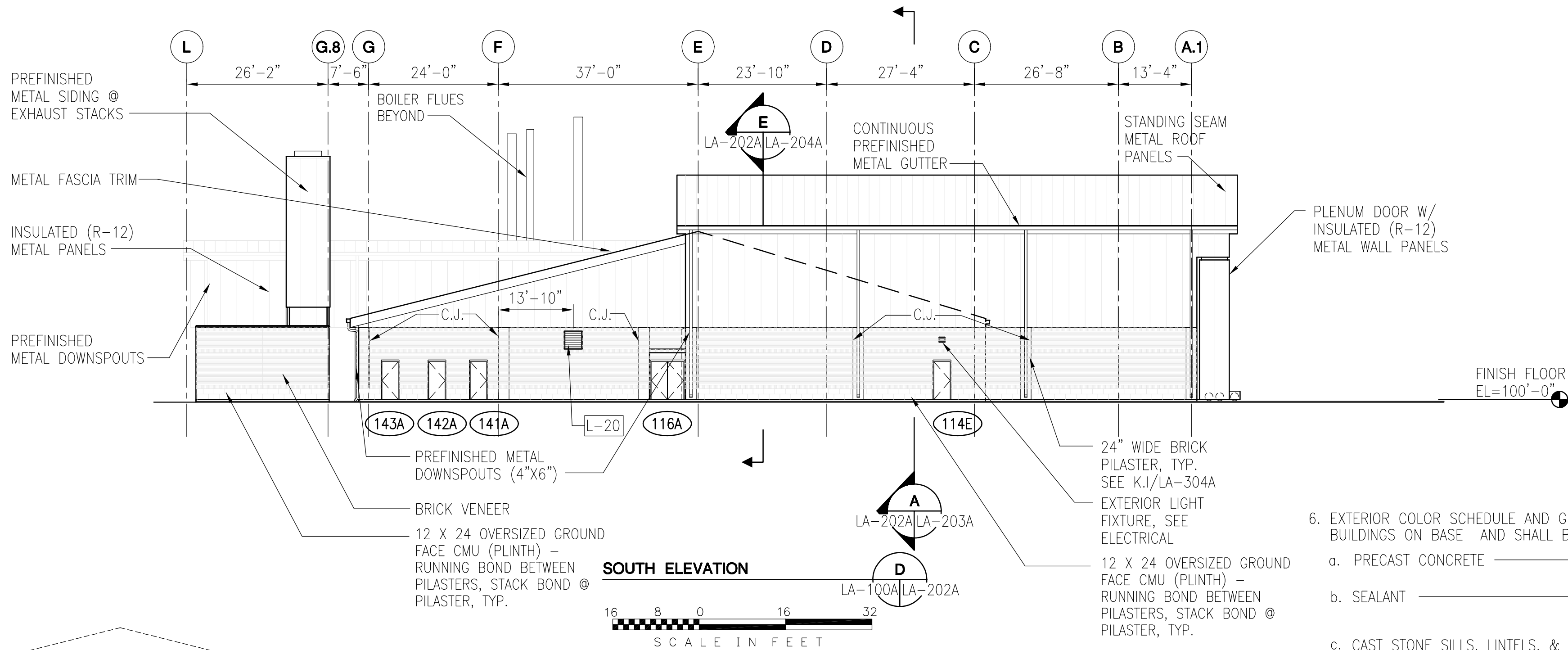
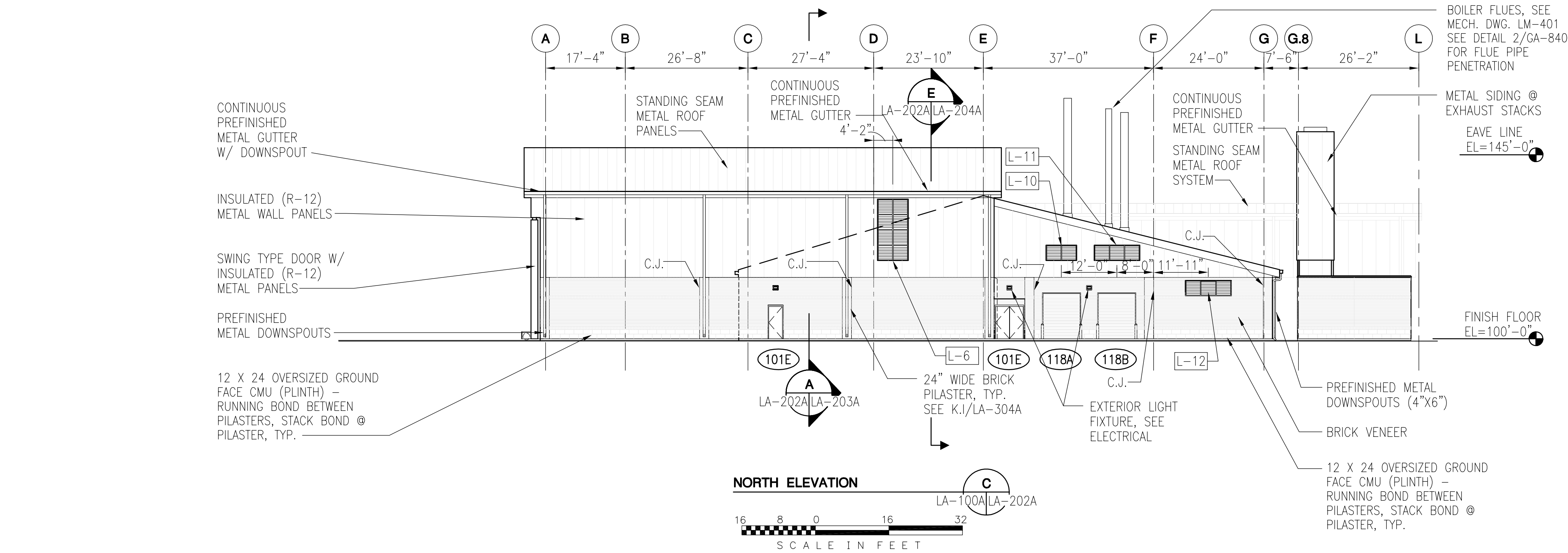
TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-15	FOLDING SHOWER SEAT	B-5181	1'-6" TO TOP OF SEAT
TA-16	MIRROR 24" x 48"	B-290	3'-0" TO BOTTOM OF ITEM
TA-17	SOAP DISH	B-680	3'-2" TO CENTER OF ITEM
TA-18	MIRROR 24" x 72"	B-290	6" TO BOTTOM OF ITEM
TA-19	PAPER TOWEL DISPENSER W/ WASTE RECEP.	B-369	5'-6" TO TOP OF UNIT
TA-20	GRAB BAR 24" x 36" (SHOWER STALL)	B-61616	2'-10" TO CENTER OF ITEM

US Army Corps of Engineers  
Norfolk District

DATE	OCT 2001
SCALE	AS SHOWN
SUBMITTED	NORFOLK DISTRICT FILE NO.
DESIGNED	HA0023011
DRAWN	LF-422-1.165
PRODUCT NO.	HA0023011
DRAWING NO.	711-18-13
LAST	01-10-03
FILE NAME	\\VRSK\ARCH\DESIGN\HANGAR\HA-117.DWG

F-22 OPERATIONS AND MAINTENANCE FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
SQUADRON OPERATIONS/AMU HANGAR  
INTERIOR ELEVATIONS

HA-117  
SHEET 165 OF 769



**GENERAL NOTES:**

1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. [L05] LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. (151D) DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201, LA-202, LA-203 AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.

6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.

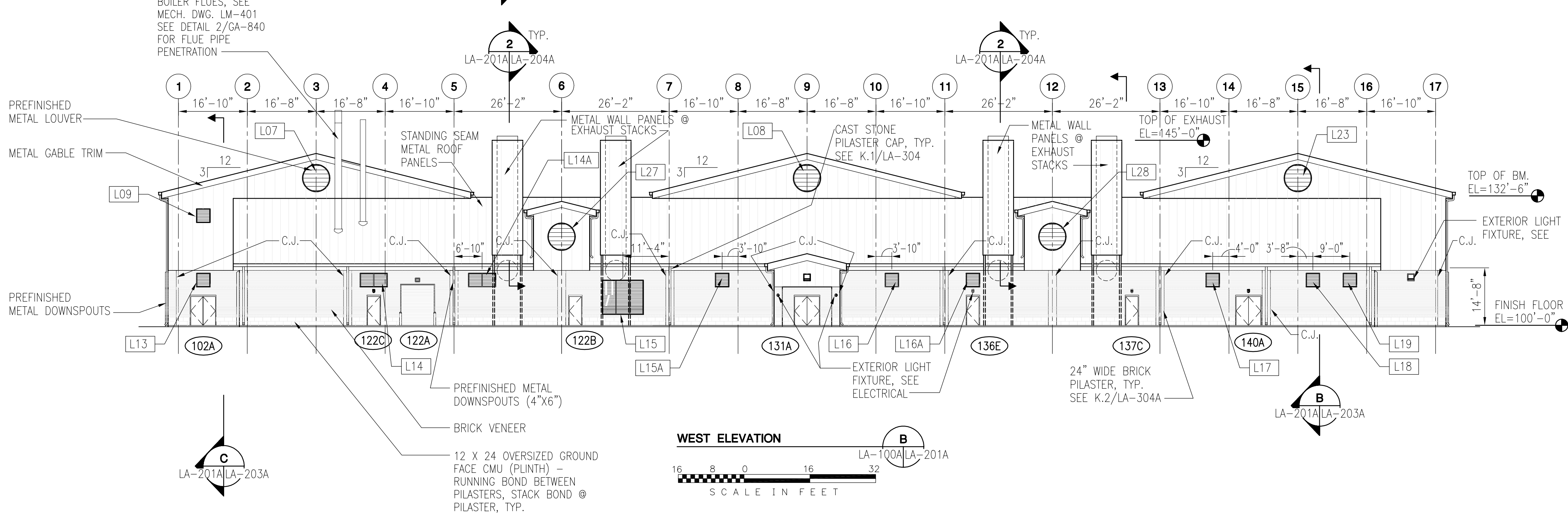
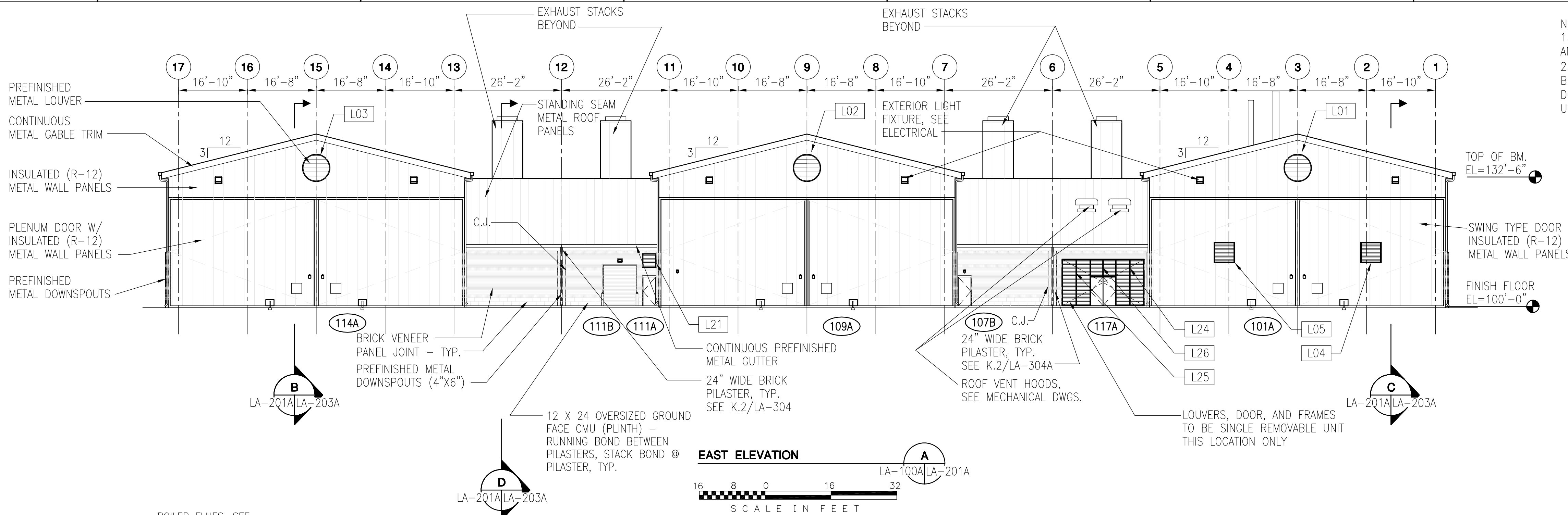
- |   |  |
|---|--|
| a. PRECAST CONCRETE   | P & D PRECAST CO., INC.  |
| b. SEALANT  | COLOR: BUFF/BEST MORTAR W/67   |
| c. CAST STONE SILLS, LINTELS, & MEDALLIONS  | BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.                            |
| d. BRICK MASONRY  | MATCH PRECAST LAWRENCENVILLE BRICK. SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A MODULAR STANDARD                                 |
| e. BRICK MORTAR   | BATCHELDER AND COLLINS / LEHIGH 00024  |
| f. STANDING SEAM METAL ROOF   | MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 (A)   |
| g. ROOF SOFFIT  | LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650  |
| h. FASCIA TRIM  | MATCH VALSPAR FLUORON DARK BRONZE NO.437B080   |
| i. INSULATED AND INTERIOR LINER PANELS  | LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650  |
| j. GUTTERS  | MATCH VALSPAR FLUORON DARK BRONZE NO.437B080   |
| k. DOWNSPOUTS AND LOUVERS   | AT BRICK, MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650 |
| l. HOLLOW METAL DOOR AND FRAMES   | AT BRICK, MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650 |
| m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS |  |
| n. INSULATED INTERIOR LINER PANELS AT/IN THE COATINGS RESTORATION   | CENTRIA: REGAL WHITE NO. 179 (A)   |
| 7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.  |  |

NOTE:  
1. SEE LA-403 FOR LOUVER SIZES AND MOUNTING HEIGHTS.  
2. CONCRETE SPLASH BLOCKS TO BE LOCATED AT ALL METAL DOWNSPOUTS DISCHARGING TO UNPAVED AREAS

US Army Corps of Engineers Norfolk District		
REV	DATE	DESCRIPTION
1	01/15/20	REVISED EXTERIOR COLOR SCHEDULE
2	01/17/20	ADDED INTERIOR LINER PANEL FINISH COLOR NOTE
3		
4		
5		
6		

DESIGNED: JLC	CHECKED: RAJ	DATE: OCT 2001
DRAWN: BBA	SUBMITTED: ERK	SCALE: AS SHOWN
PROJECT NO. HACC023010	NORFOLK DISTRICT FILE NO. LF-422-1743	SPECIFICATION NO. DAC465-01-R-0025
DRAWING NO. 711-18-13	FILE NAME: V:\845\ARCH\OPTIONALS\LA202.DWG	Plot scale: 1:1
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA		
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114		
F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA		
LO/CRF FACILITY EXTERIOR ELEVATIONS (OPTION 3)		
LA-202A SHEET 743 OF 769		





**GENERAL NOTES:**

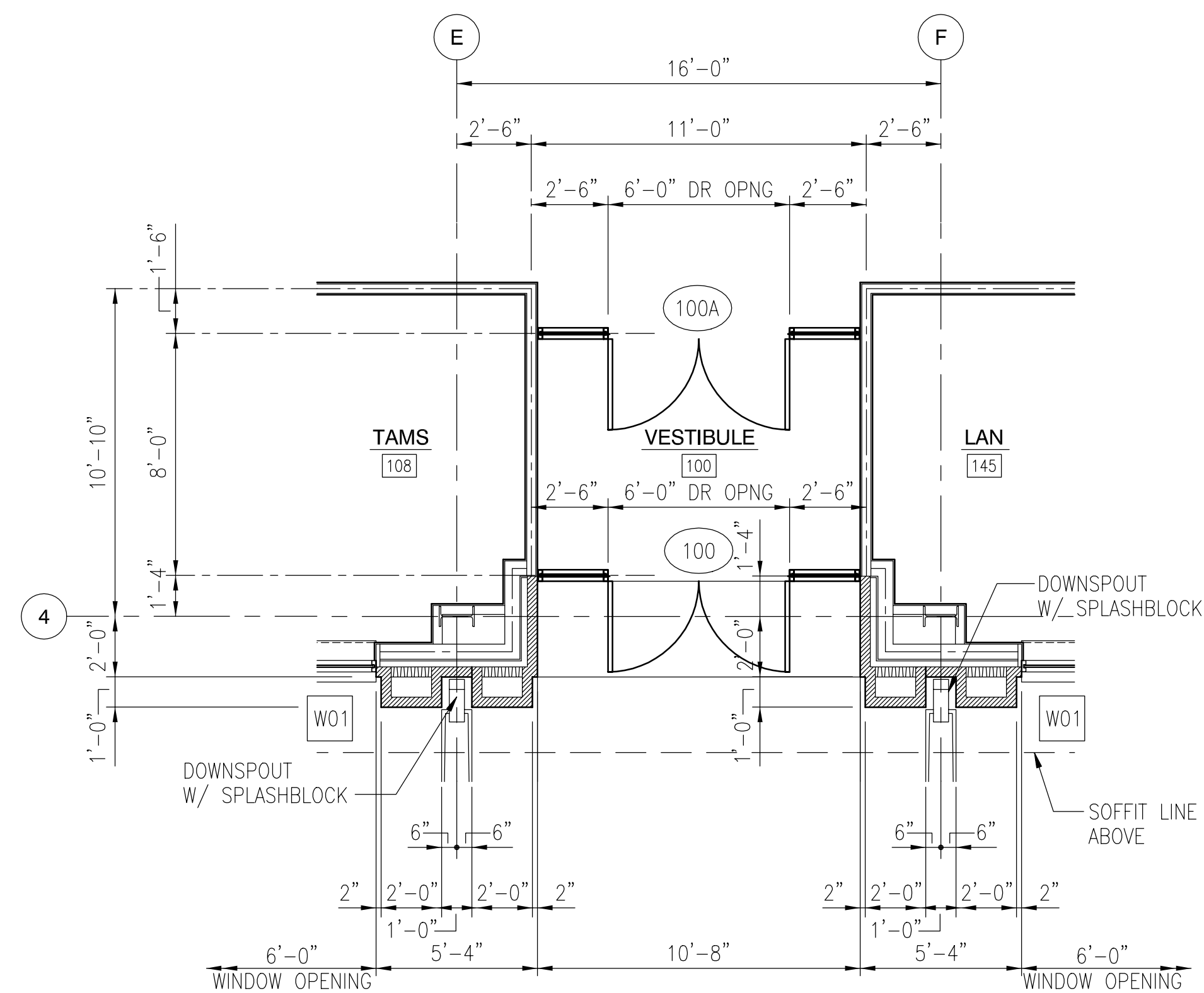
1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. [L05] LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. (151D) DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201A, LA-202A, LA-203A AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.
6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
  - a. OVERSIZED GROUND FACE BLOCK — YORK BUILDING PRODUCTS COMPANY, INC COLOR: YBP-11 COLOR: WR269Y
  - b. SEALANT — BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - c. CAST STONE SILLS, LINTELS, & MEDALLIONS — MATCH OVERSIZED GROUND FACE BLOCK LAWRENCENVILLE BRICK SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A MODULAR STANDARD
  - d. BRICK MASONRY —

- e. BRICK MORTAR — BATCHELDER AND COLLINS / LEHIGH 00024
  - f. STANDING SEAM METAL ROOF — MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 (A)
  - g. ROOF SOFFIT — LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - h. FASCIA TRIM — MATCH VALSPAR FLUORON DARK BRONZE NO.437B080
  - i. INSULATED AND INTERIOR LINER PANELS — LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - j. GUTTERS — MATCH VALSPAR FLUORON DARK BRONZE NO.437B080
  - k. DOWNSPOUTS AND LOUVERS — AT BRICK, MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - l. HOLLOW METAL DOOR AND FRAMES — AT BRICK, MATCH VALSPAR FLUORON DARK BRONZE NO.437B080 AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS
  - n. INSULATED INTERIOR LINER PANELS AT/IN THE COATINGS RESTORATION — CENTRIA: REGAL WHITE NO. 179 (B)
7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.

NOTE:  
1. SEE LA-403 FOR LOUVER SIZES AND MOUNTING HEIGHTS.  
2. CONCRETE SPLASH BLOCKS TO BE LOCATED AT ALL METAL DOWNSPOUTS DISCHARGING TO UNPAVED AREAS

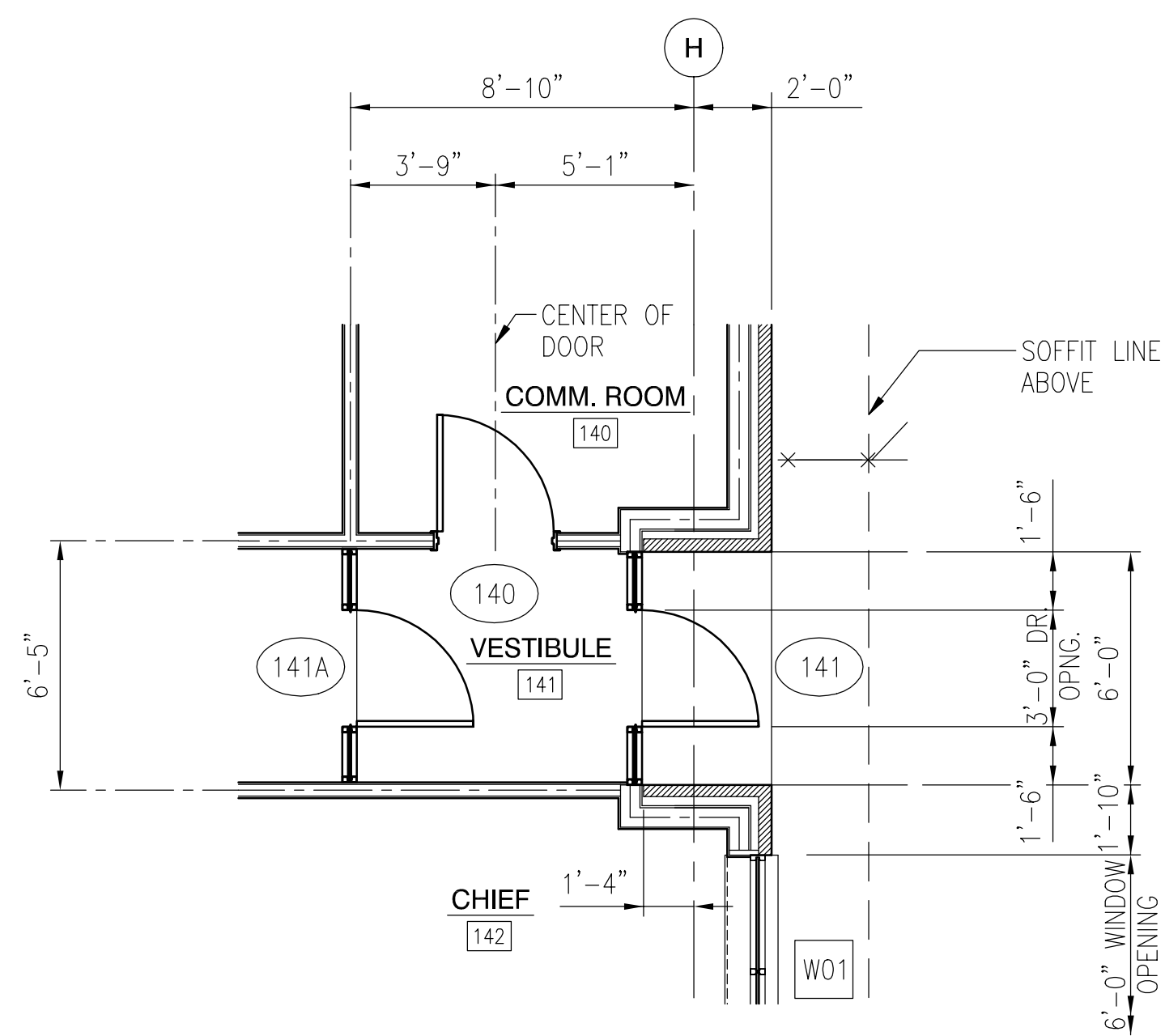
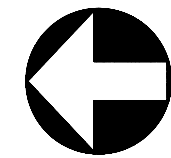
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REVISED EXTERIOR COLOR SCHEDULE	ADDED INTERIOR LINER PANEL FINISH COLOR NOTE
DATE: 01/15/2003	DATE: 01/17/2003
DESIGNED: JLC	DRAWN: BBA
CHECKED: RAJ	SUBMITTED: ERK
SCALE: AS SHOWN	NORFOLK DISTRICT FILE NO. LF-422-1742
PRODUCT NO. HAC023010	SPECIFICATION NO. DAC465-01-R-0025
DRAWING NO. 711-18-13	FILE NAME: V:\S45\ARCH\OPTIONALS\LA202.DWG
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	
F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA	
LO/CRF FACILITY EXTERIOR ELEVATIONS (OPTION 3)	
LA-201A SHEET 742 OF 769	





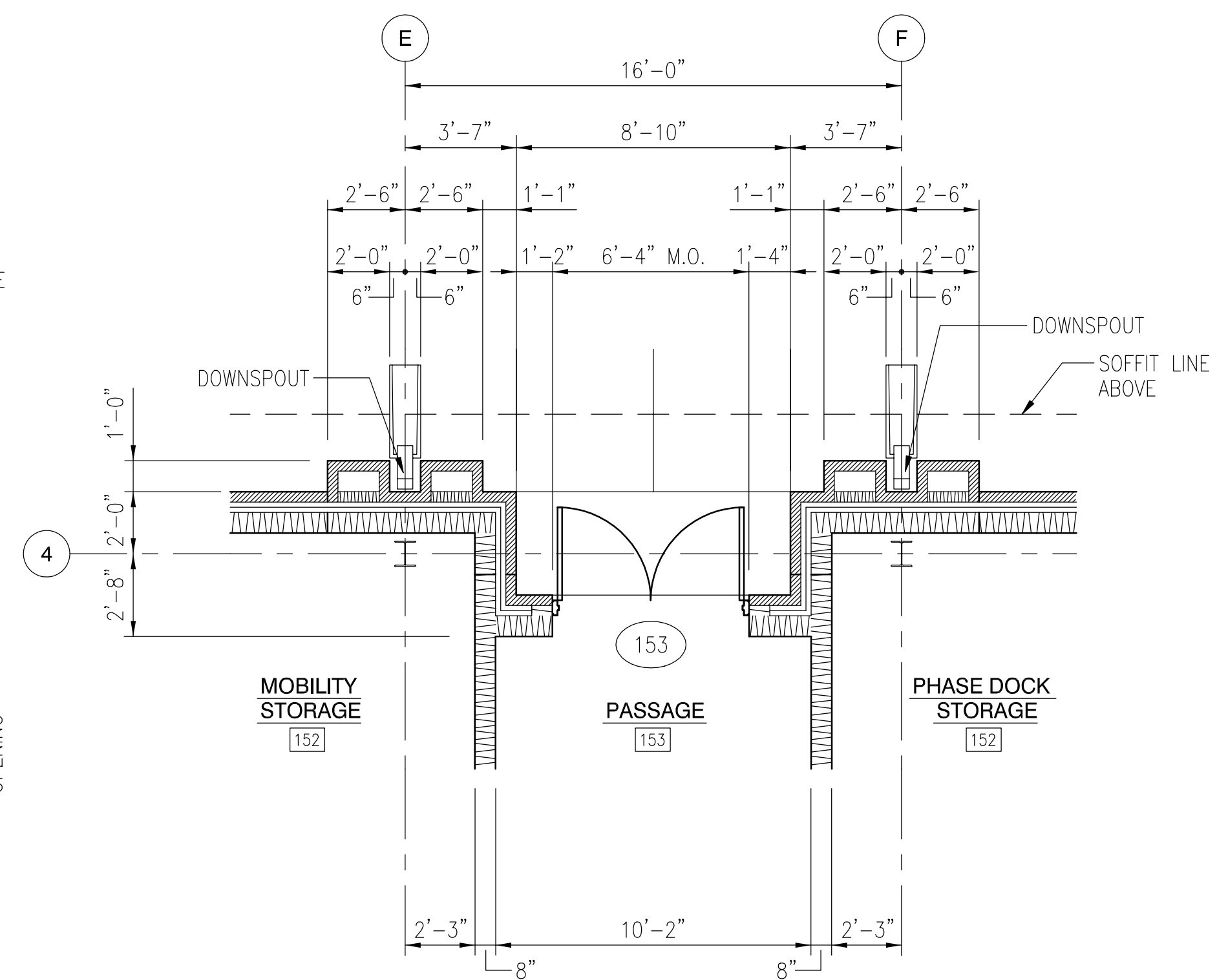
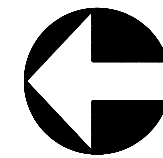
ENLARGED FLOOR PLAN

HA-105A HA-118A



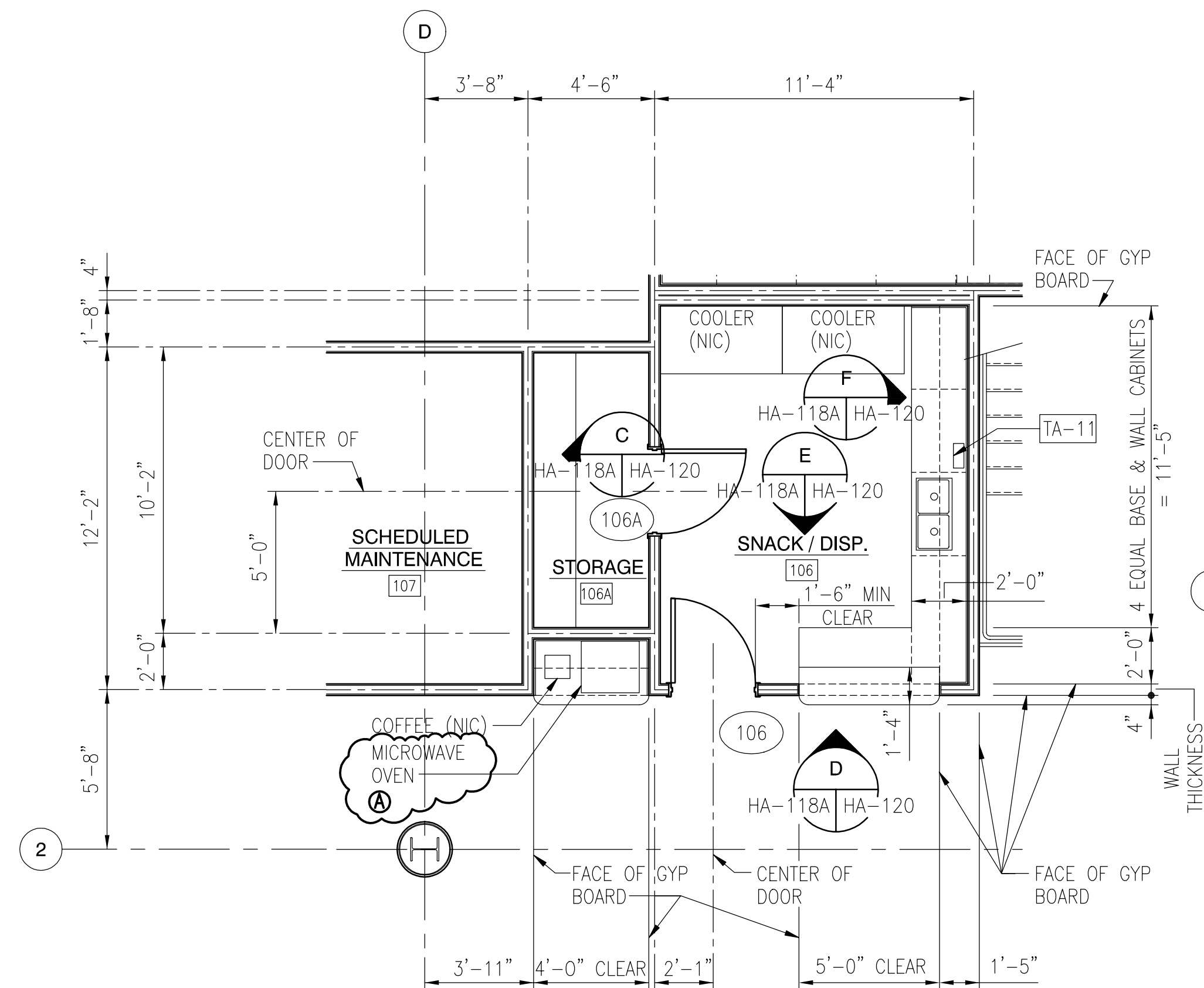
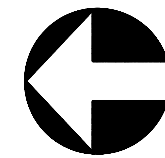
ENLARGED FLOOR PLAN

HA-105A | HA-118A



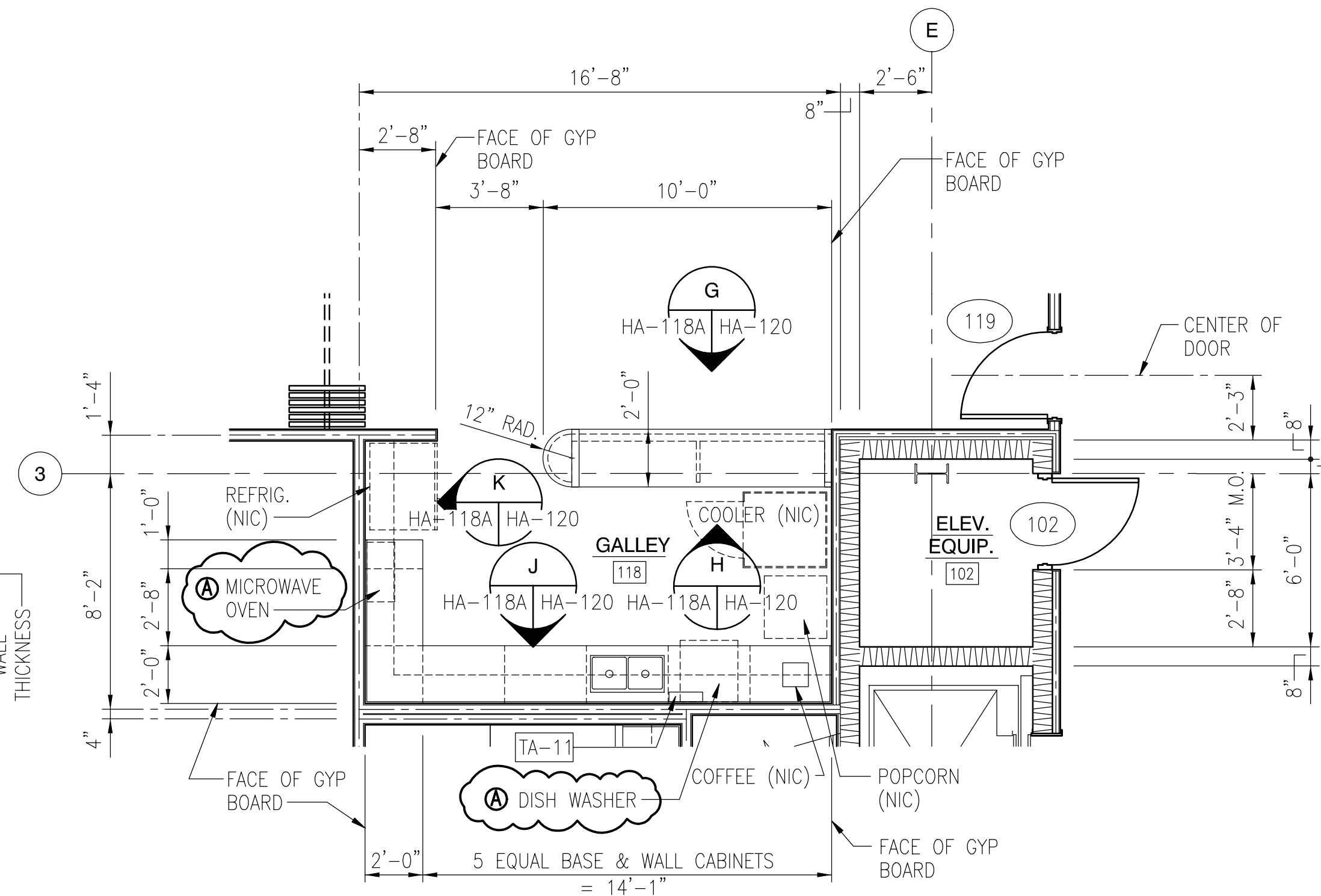
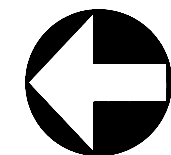
ENLARGED FLOOR PLAN

HA-107A HA-118A



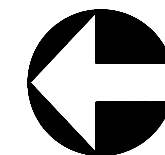
ENLARGED FLOOR PLAN

HA-105A | HA-118A



ENLARGED FLOOR PLAN

HA-105A | HA-118A



GENERAL NOTES:

1. ENLARGED FLOOR PLANS ARE DRAWN AT SCALE INDICATED BELOW  
UNLESS OTHERWISE NOTED



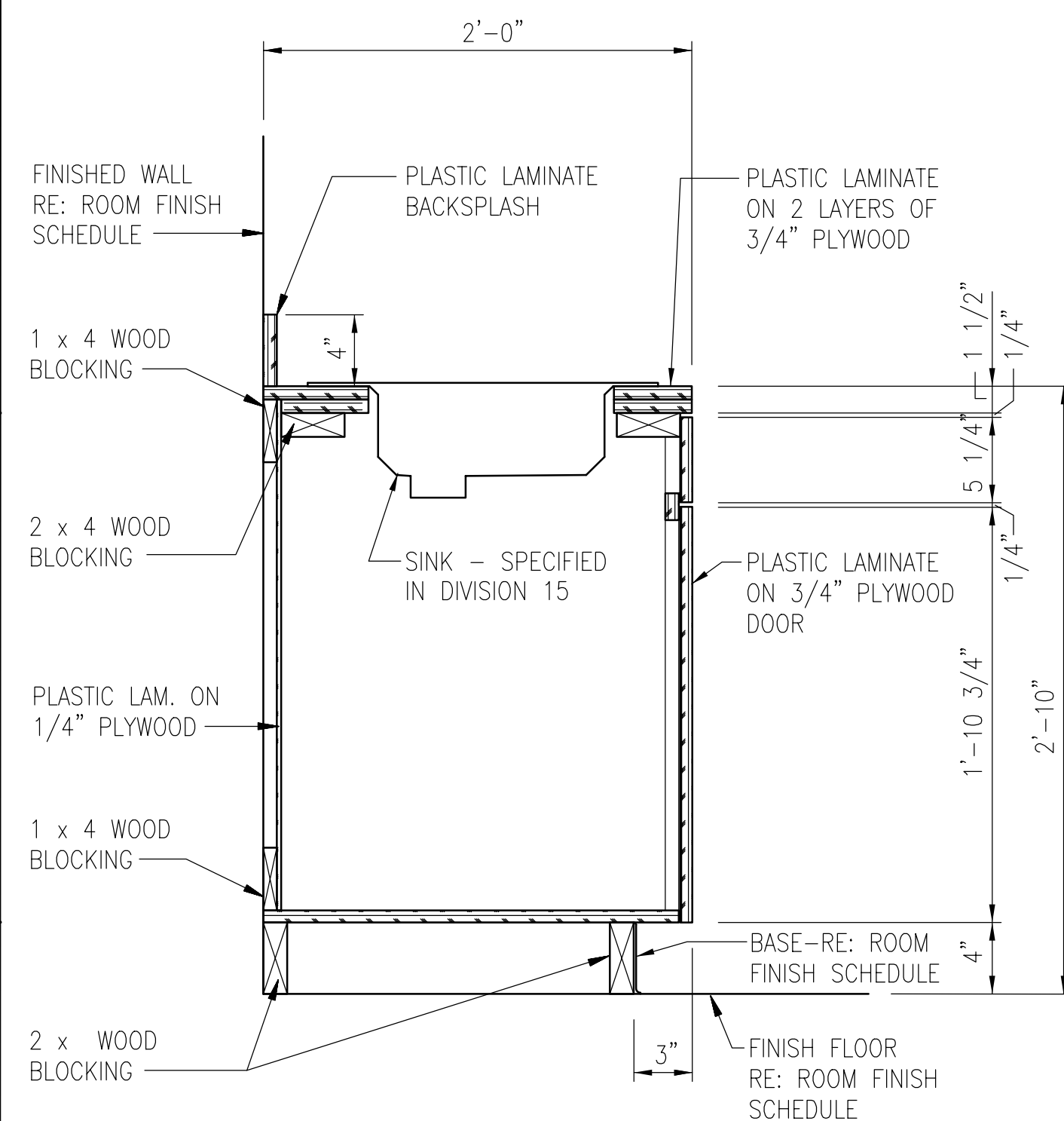
2. REFERENCE DRAWINGS HA-400, HA-401, HA-602 AND HA-604 FOR PORCELAIN FLOOR TILE PATTERN DETAILS.
3. ALL DIMENSIONS FROM: COLUMN ROW LINE TO COLUMN ROW LINE, COLUMN ROW LINE TO FACE OF BRICK WALL, FACE OF BRICK WALL TO FACE OF BRICK WALL, COLUMN ROW LINE TO CENTER OF METAL STUD, CENTER OF METAL STUD TO CENTER OF METAL STUD, FACE OF CMU TO FACE OF CMU UNLESS OTHERWISE NOTED.

[illegible][illegible]

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
SQUADRON OPERATIONS/AMU HANGAR  
ENLARGED FLOOR PLANS  
(OPTION 3)

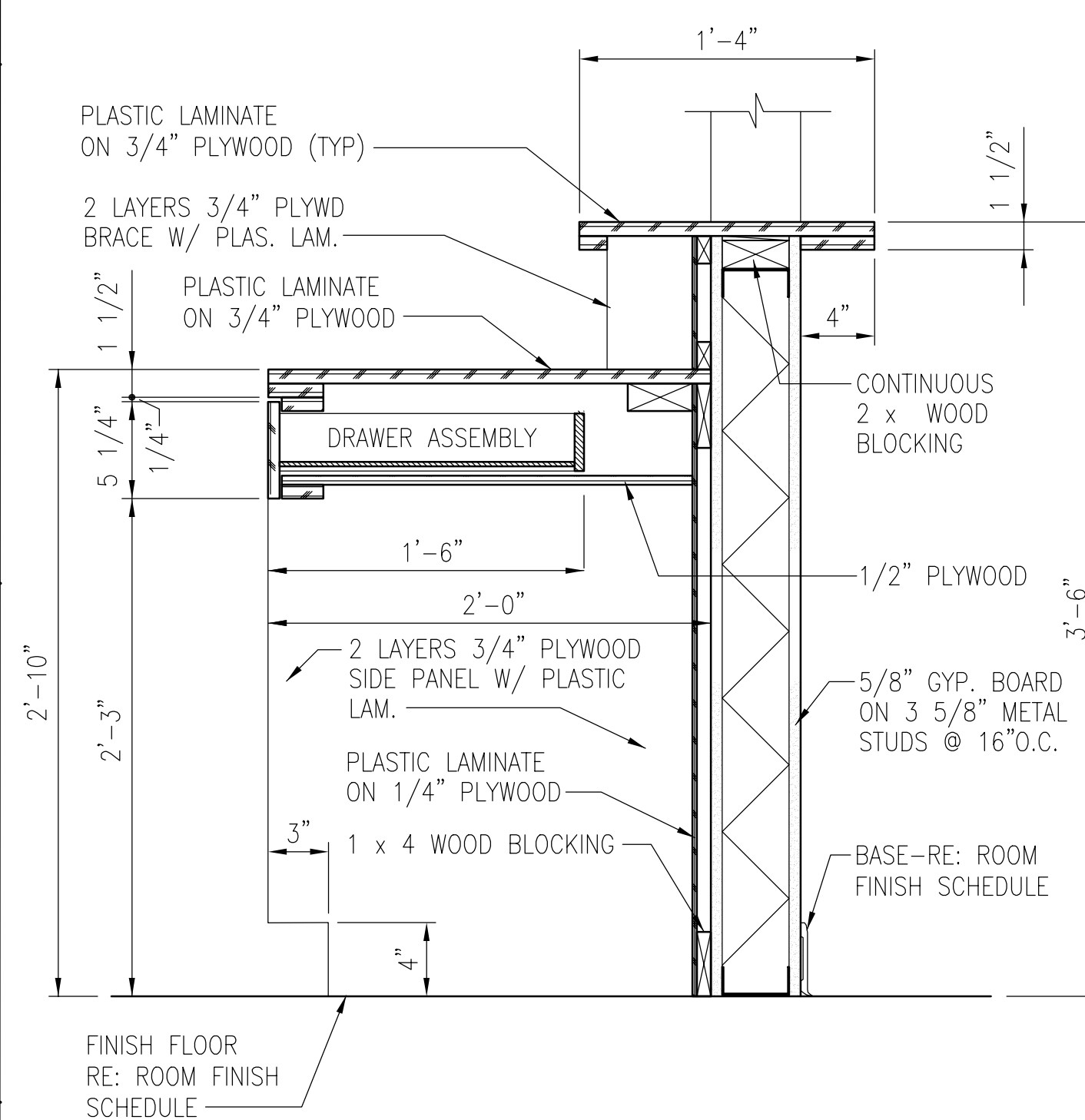
HA-118A  
SHEET 712 OF 769






DETAIL

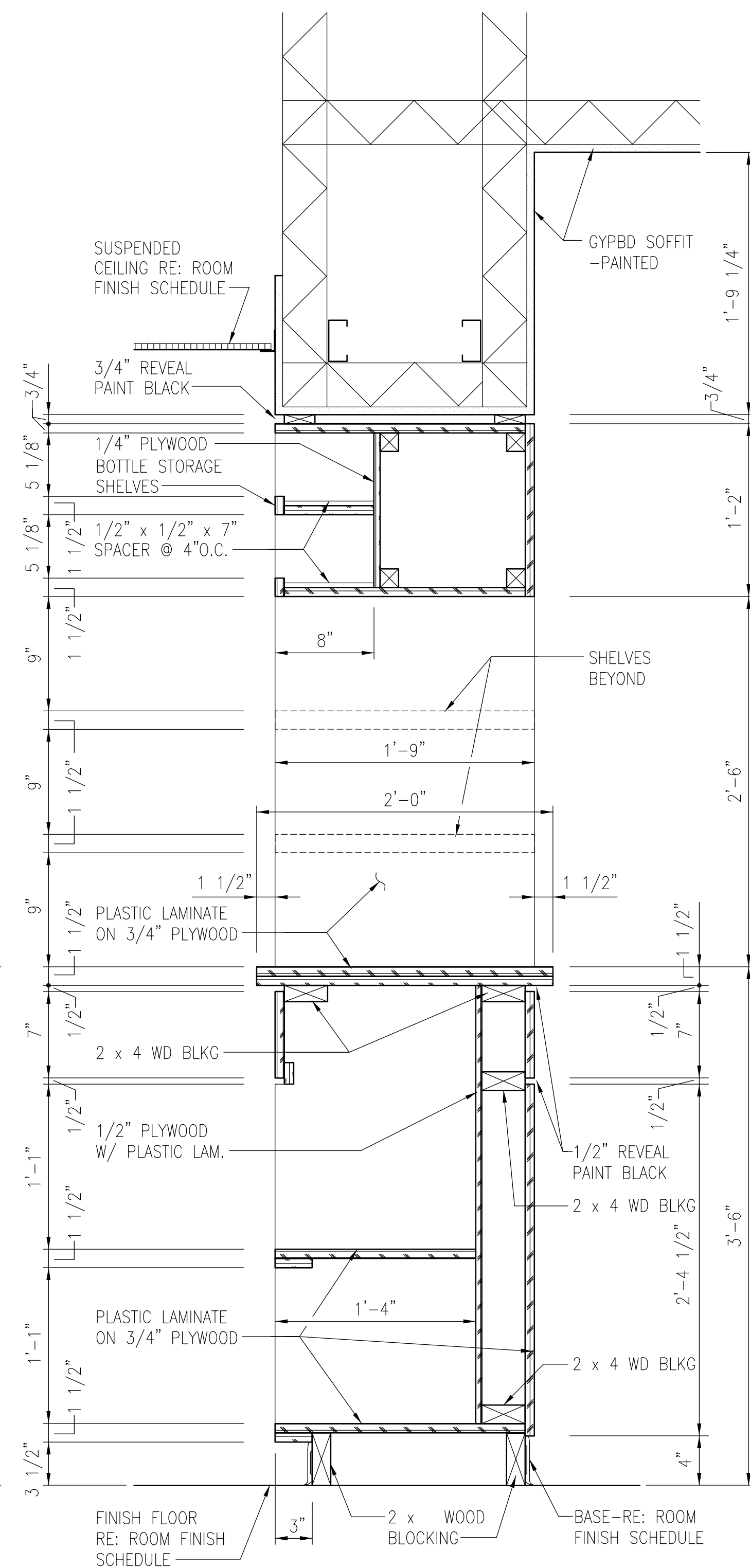
HA-121, HA-122, HA-123 HA-120/9 GA-821  
OA-106, LA-125



DETAIL



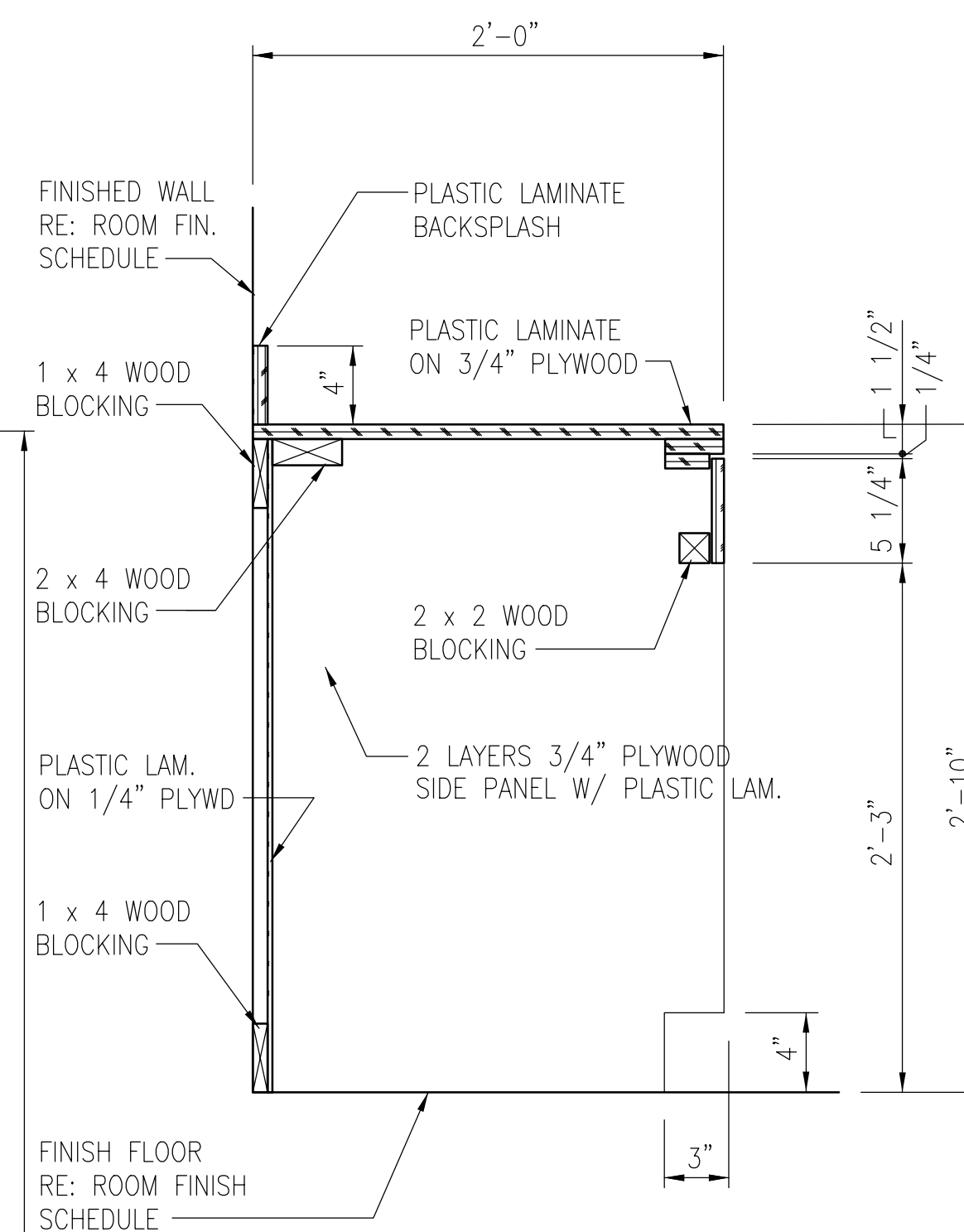
HA-120|GA-821



DETAIL

HA-123 HA-120 GA-821

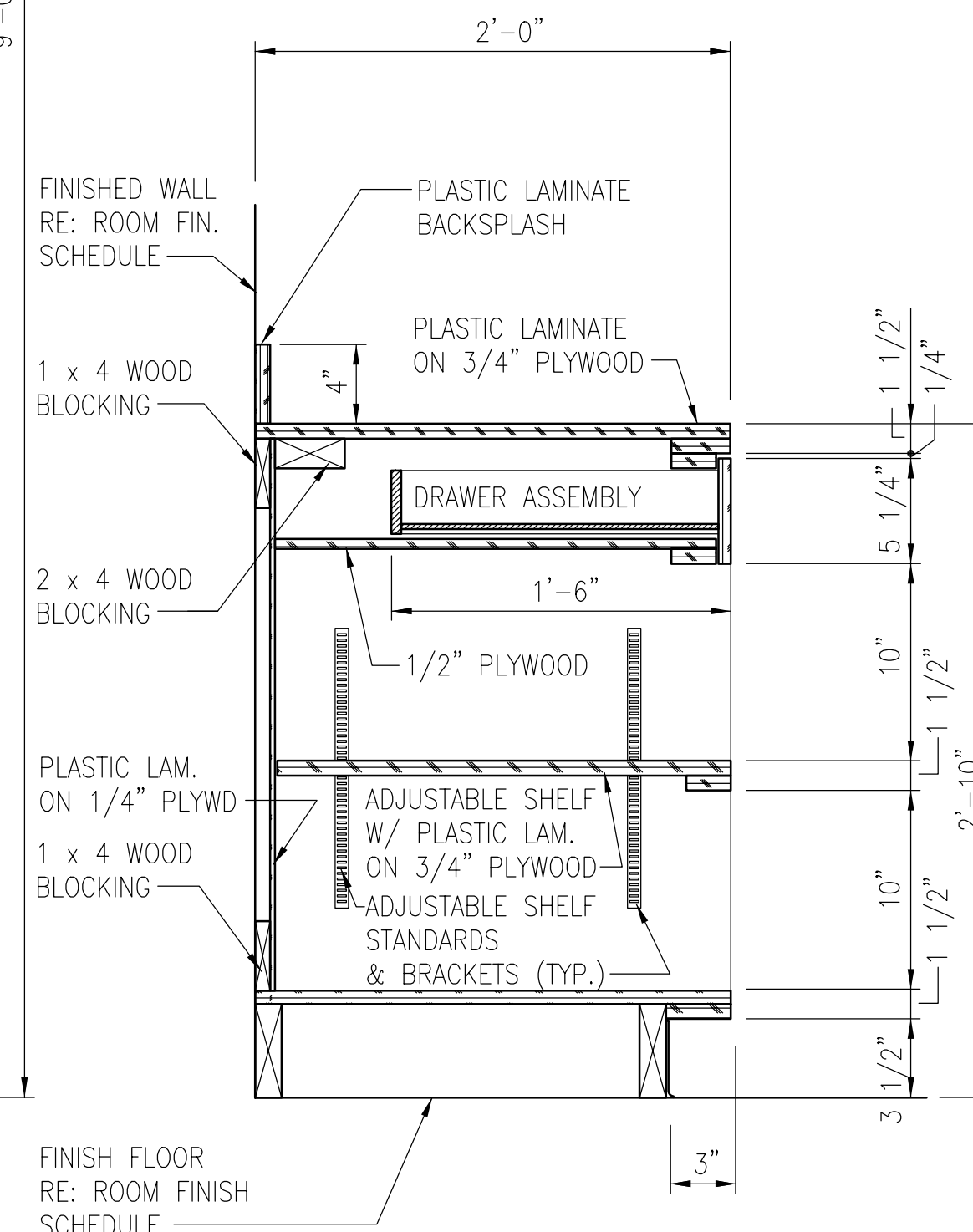
11



DETAIL

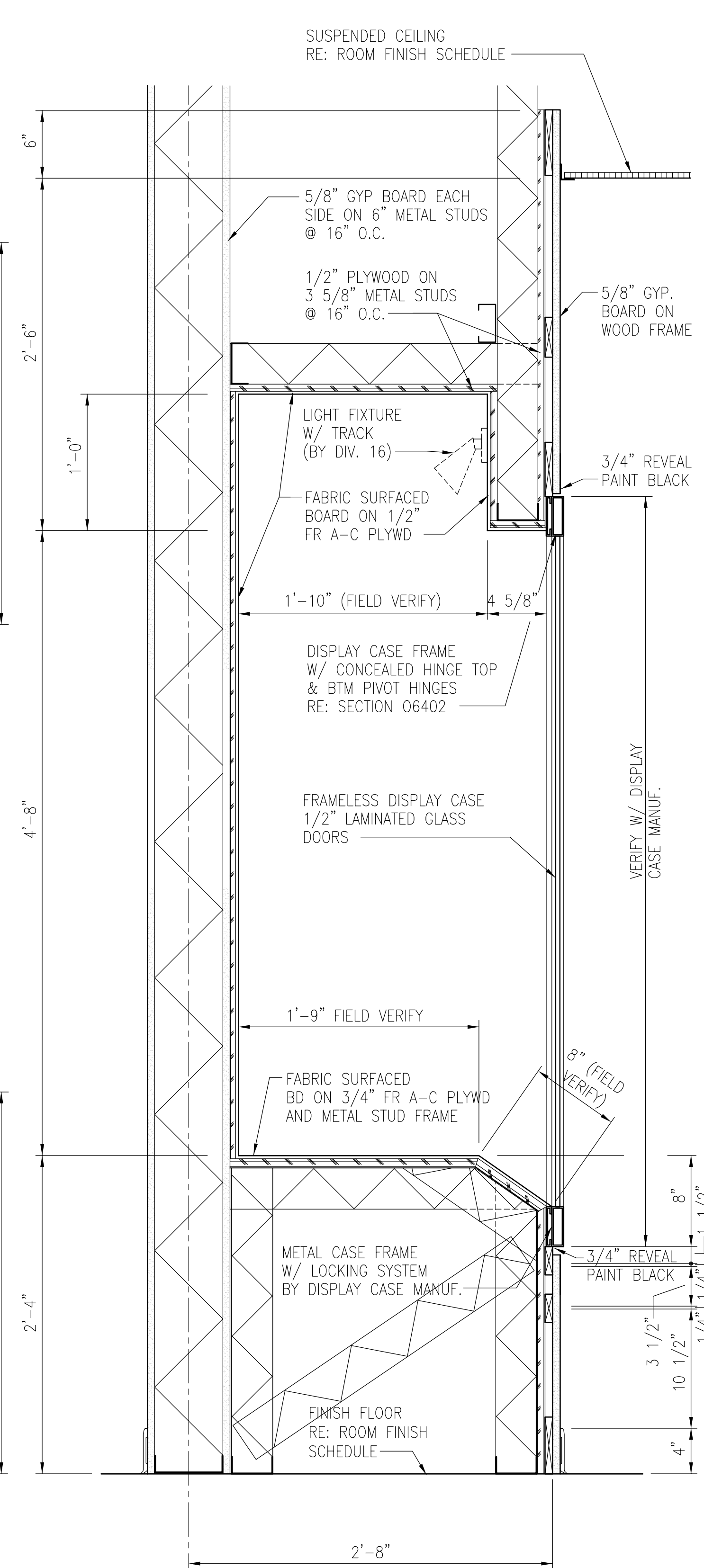
HA-122 GA-82

12



DETAIL

HA-120CA-82



DETAIL

14

HA-121GA-82

- GENERAL NOTES:

1. DETAILS ARE DRAWN AT SCALE INDICATED  
BELOW UNLESS OTHERWISE NOTED
2. PLASTIC LAMINATED ON ALL EXPOSED SURFACES  
UNLESS OTHERWISE NOTED
3. REFERENCE ROOM FINISH SCHEDULE ON DWGS HA-401, OA-400,  
AND SPECIFICATIONS FOR PLASTIC LAMINATE COLOR.



US Army Corps  
of Engineers  
Norfolk District

[illegible]

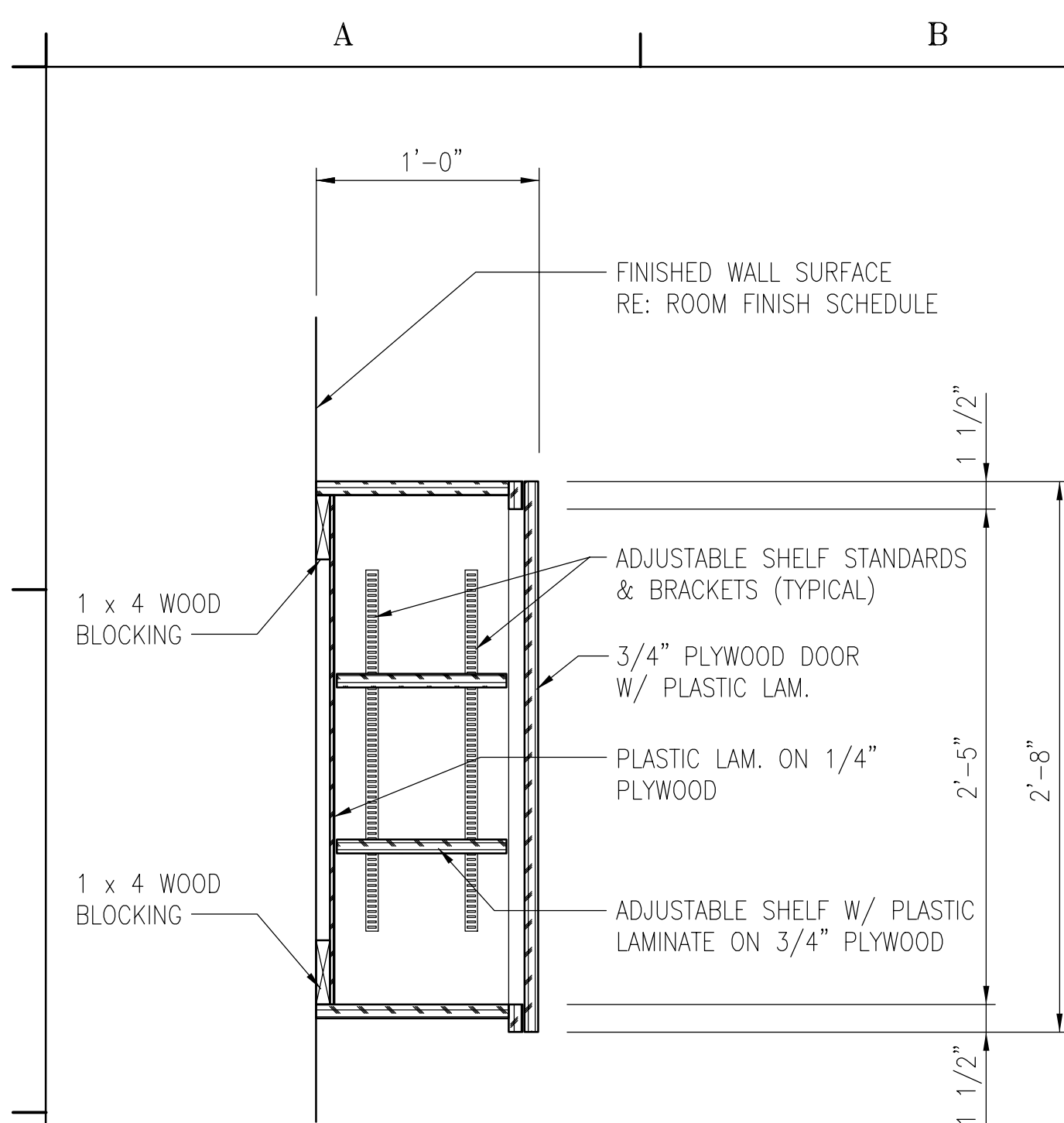
DESIGNED: RAJ	CHECKED: RMB	DATE: OCT 2001
DRAWN: IHC	SUBMITTED:	SCALE: AS SHOWN
PROJECT NO. HACCO23	NORFOLK DISTRICT FILE NO. LF-422-1.644	
DRAWING NO. 7/11-18-13	SPECIFICATION NO. DAC465-01-R-0025	
Last worked on: 10-11-01		Plot scale: 1:1

NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114
---	---

## 2 OPERATIONS/MAINTENANCE FACILITIES AND UTILITY UPGRADES LANGLEY AIR FORCE BASE, VIRGINIA

## MILLWORK DETAILS

GA-821  
SHEET 644 OF 765



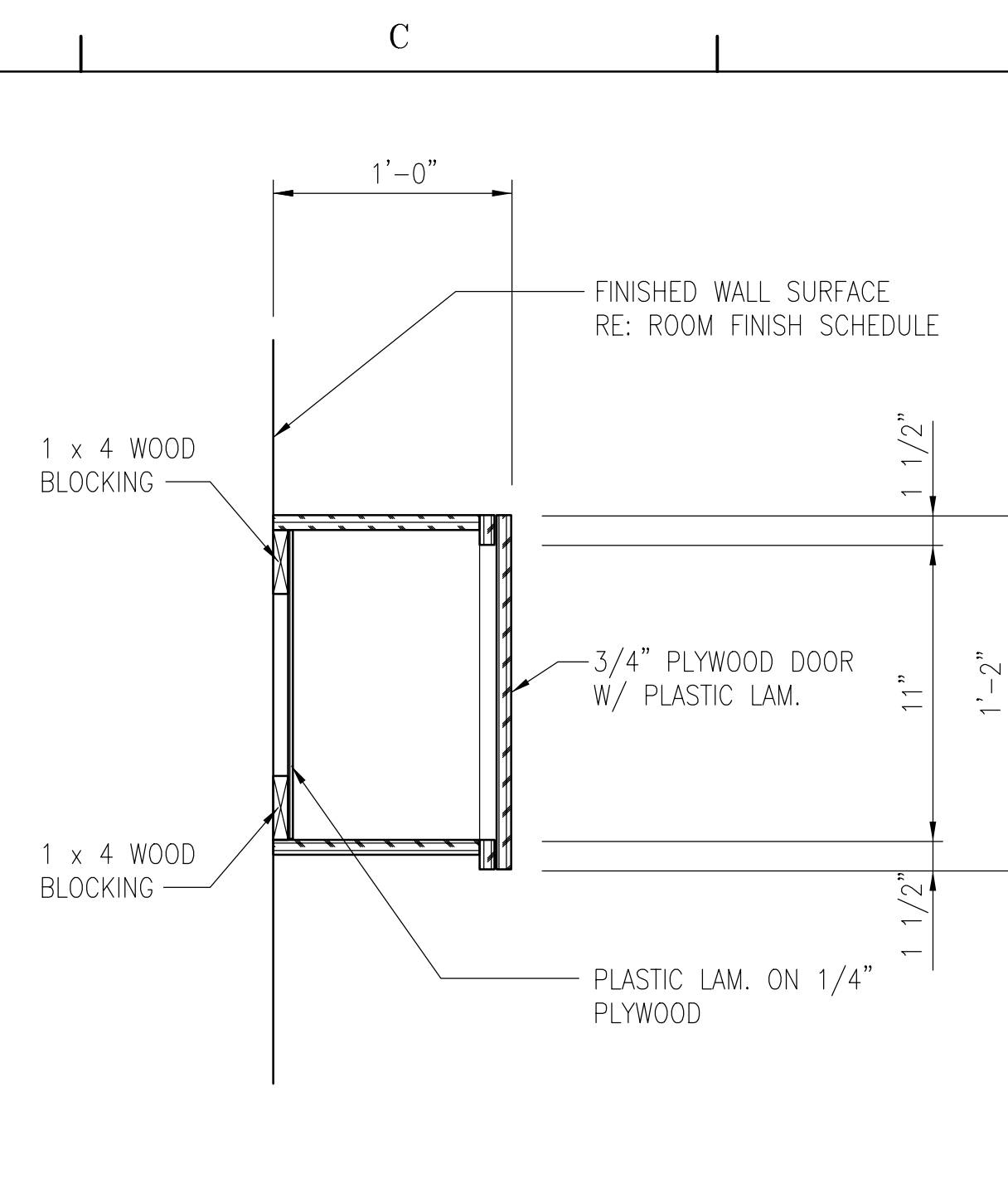
DETAIL

HA-122, OA-105, LA-125

HA-121 | GA-820

1

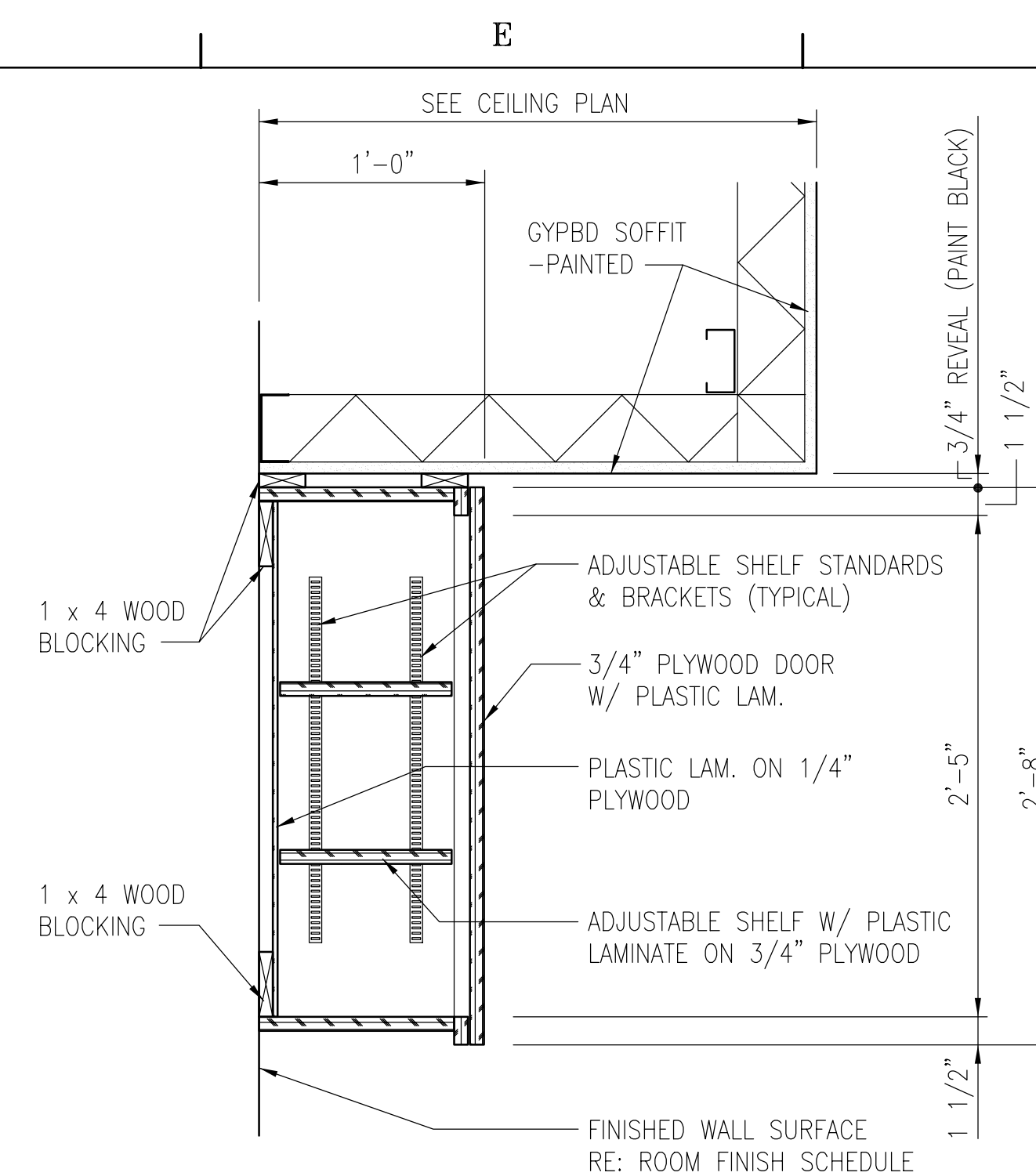
A



DETAIL

2

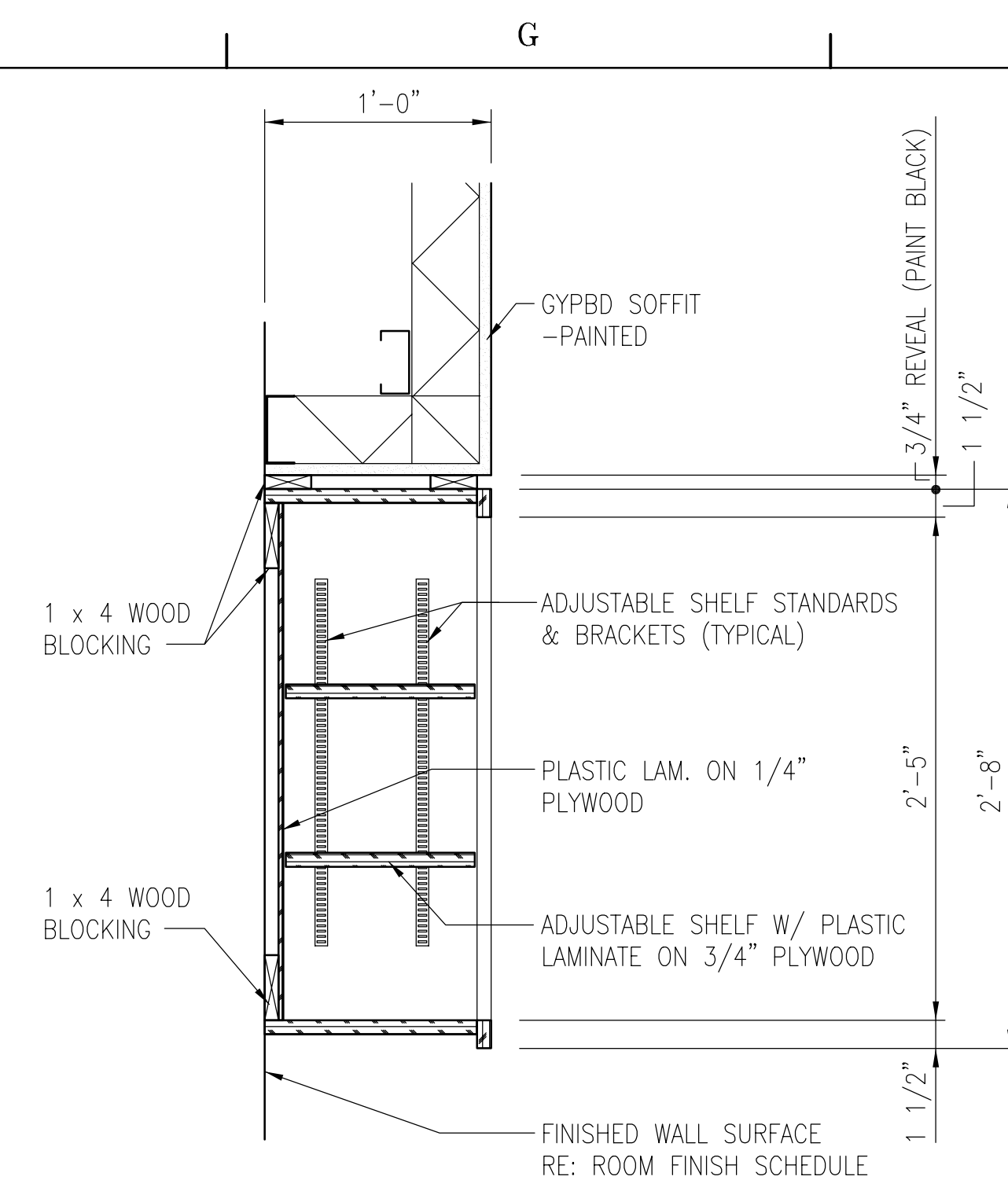
OA-108 HA-120 GA-820



DETAIL

HA-120, HA-121, OA-108 HA-117 GA-820

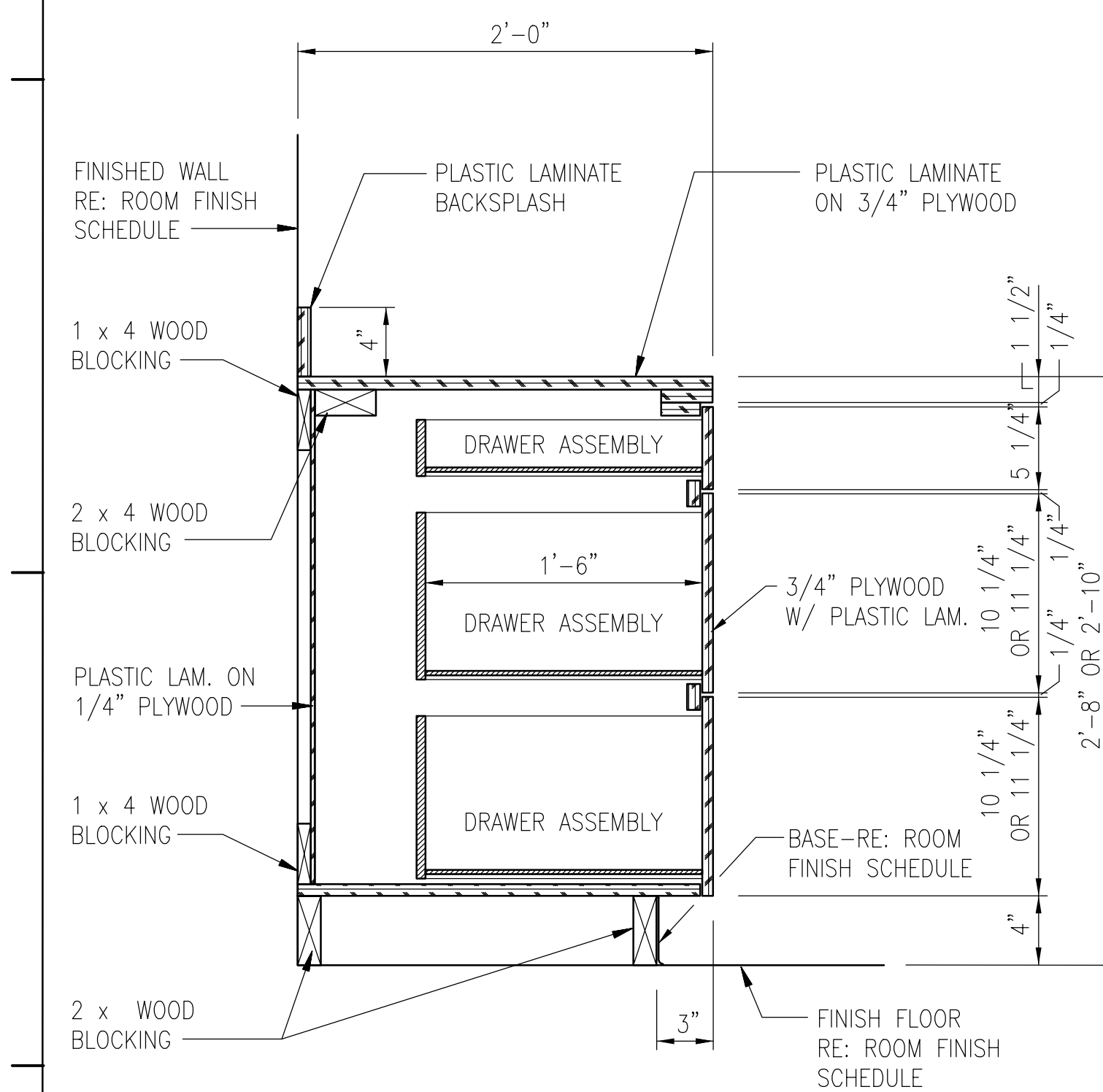
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DETAIL

HA-123 HA-120 GA-820

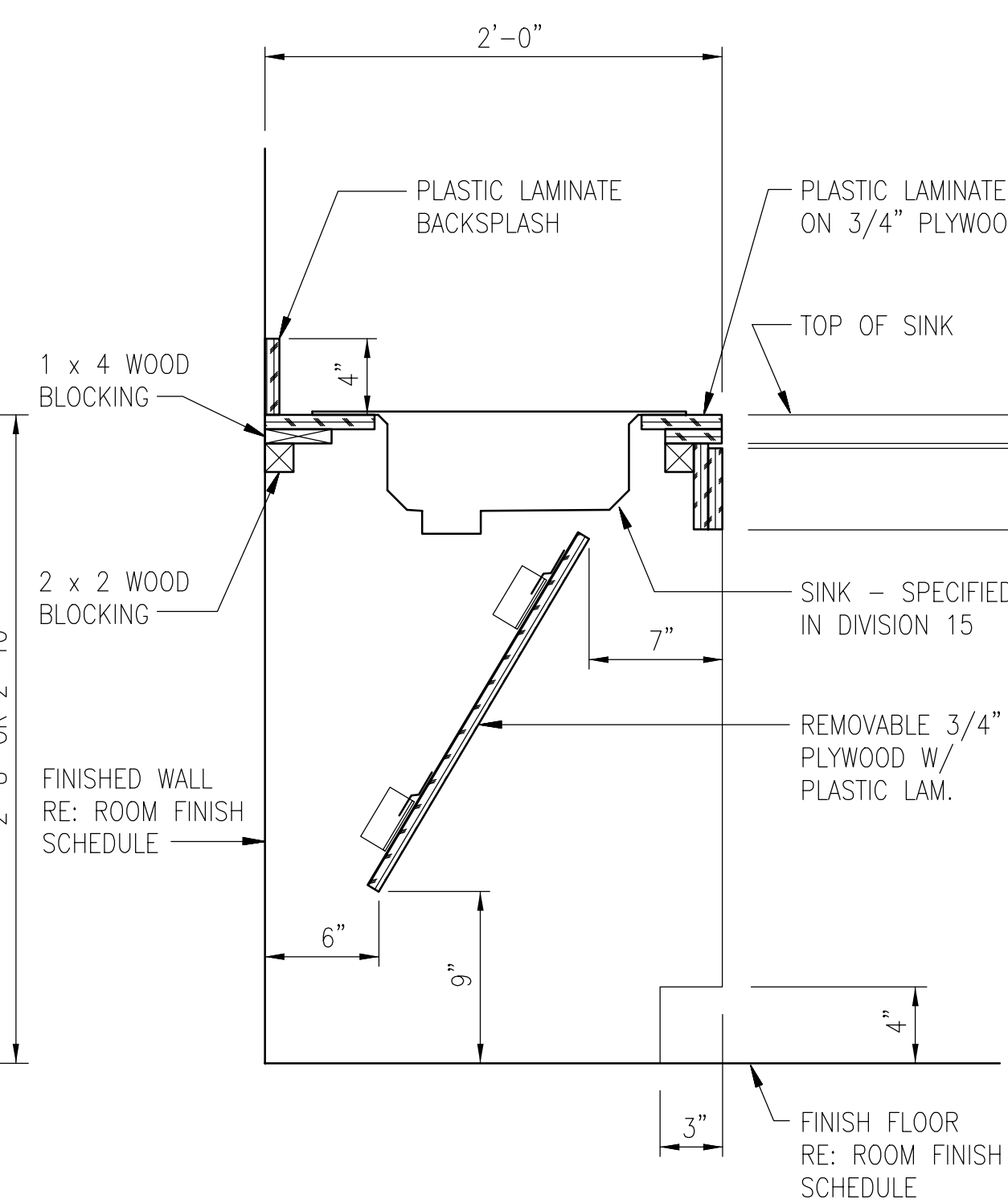
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DETAIL

HA-123 HA-122 GA-820  
OA-105

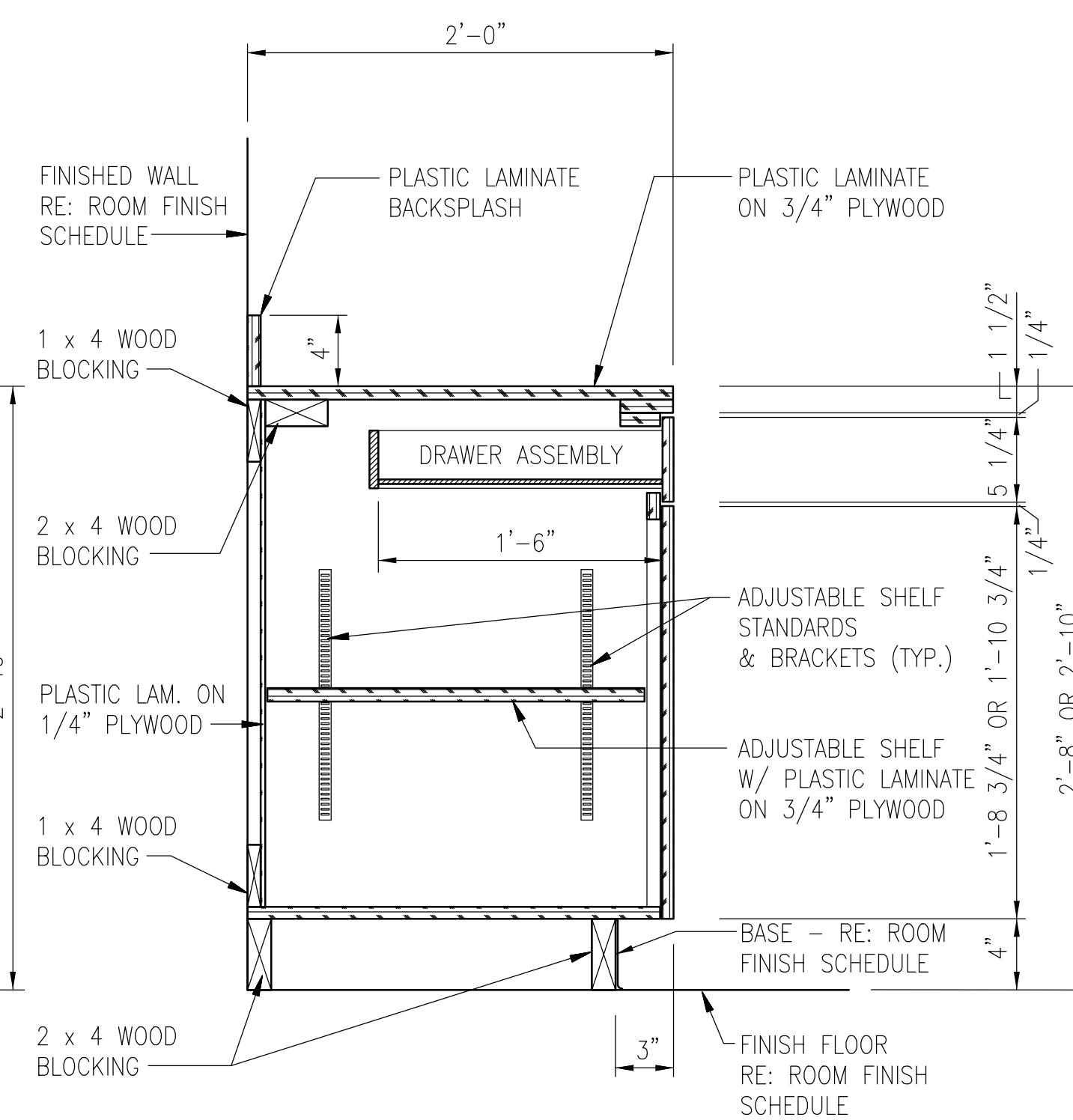
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DETAIL

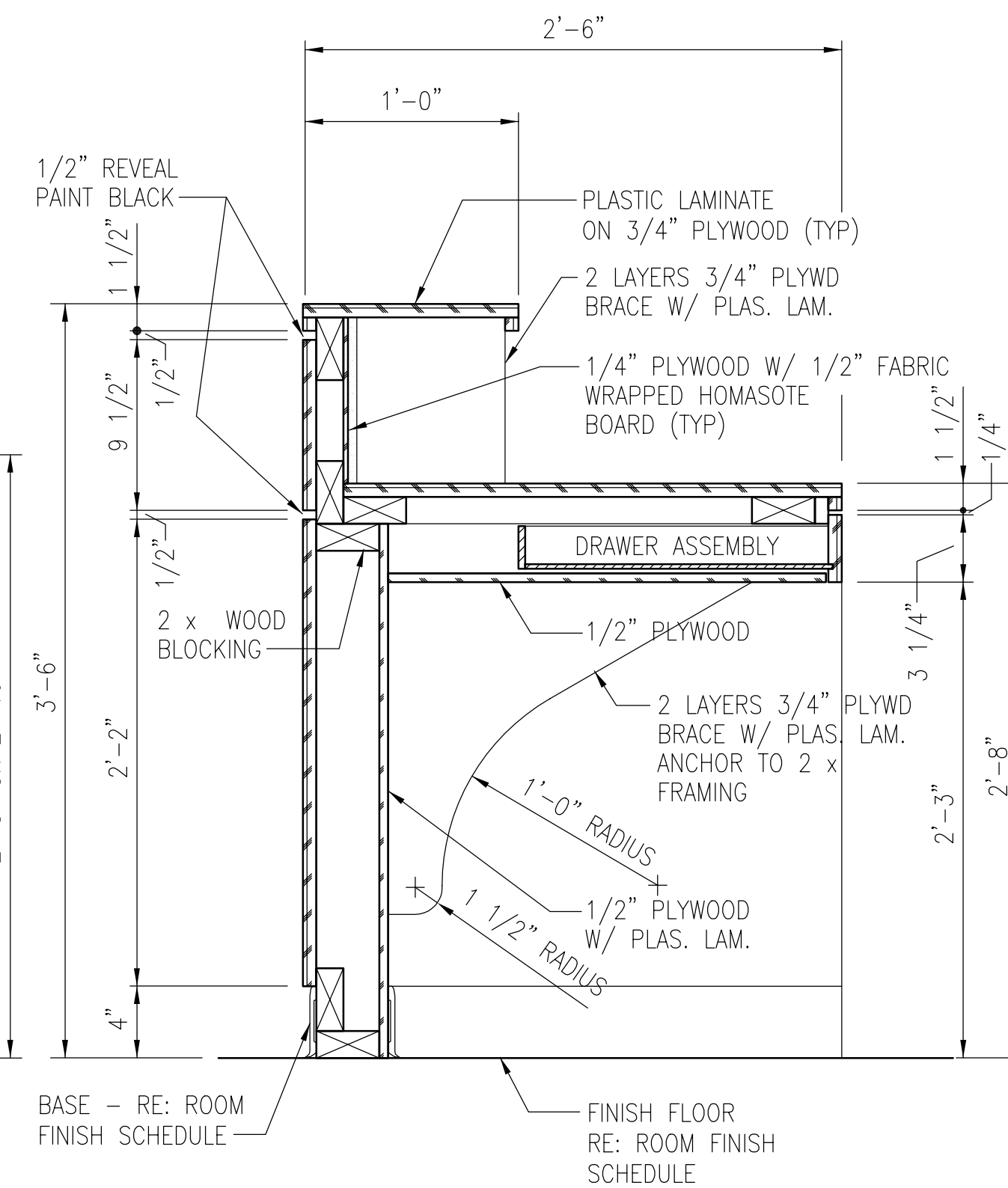
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OA-108 HA-117 GA-820



DETAIL

HA-120, HA-121, HA-122, HA-123 HA-117 GA-820  
OA-106, OA-108, LA-125




DETAIL

HA-120 GA-820

8

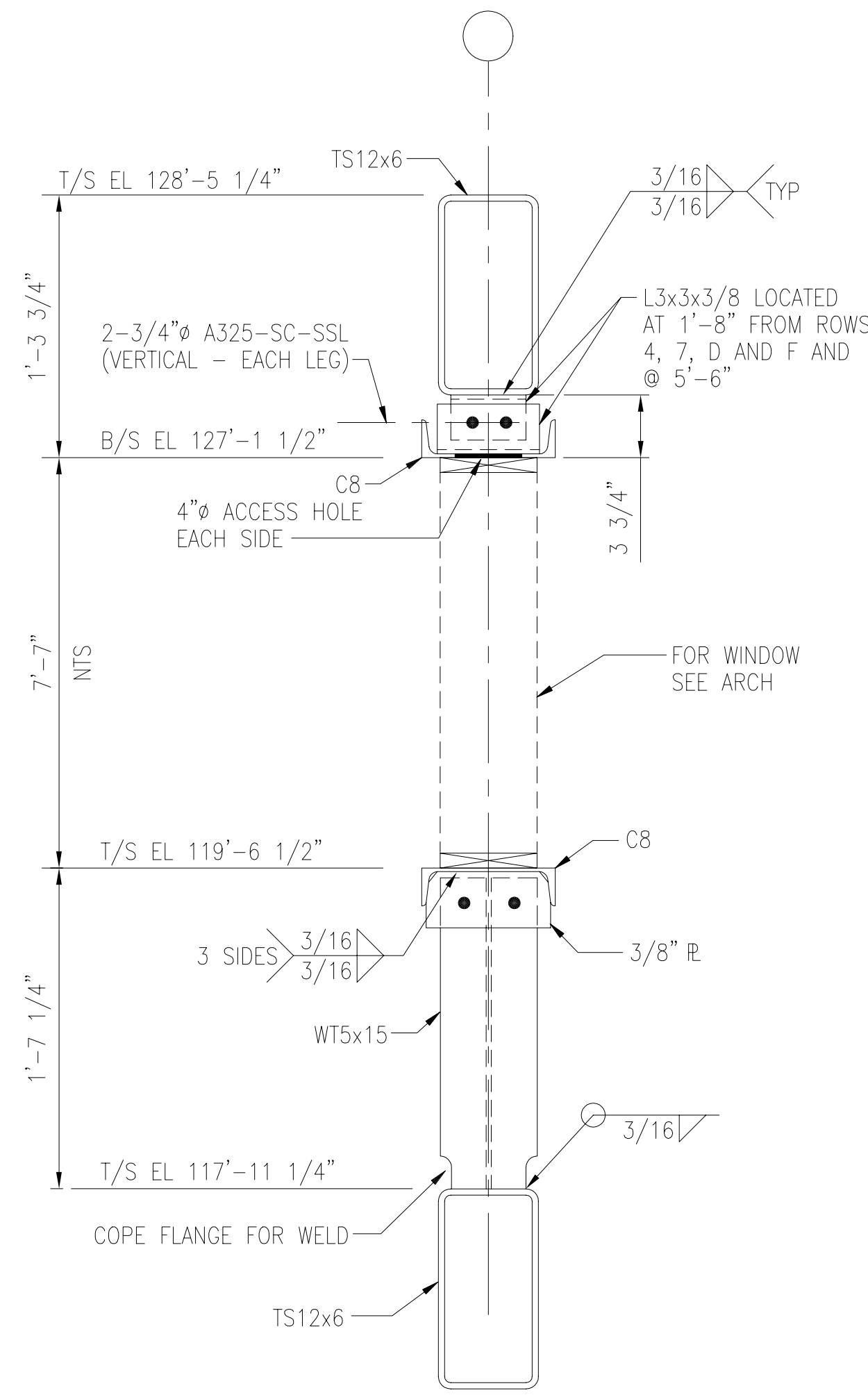
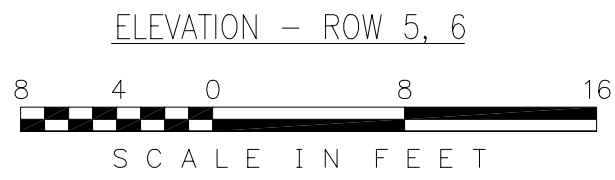
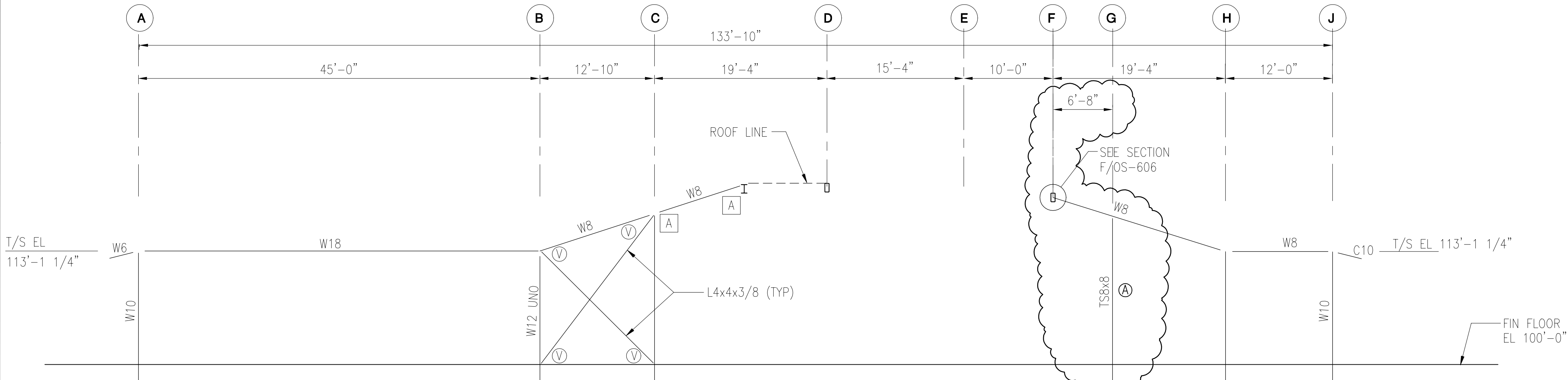
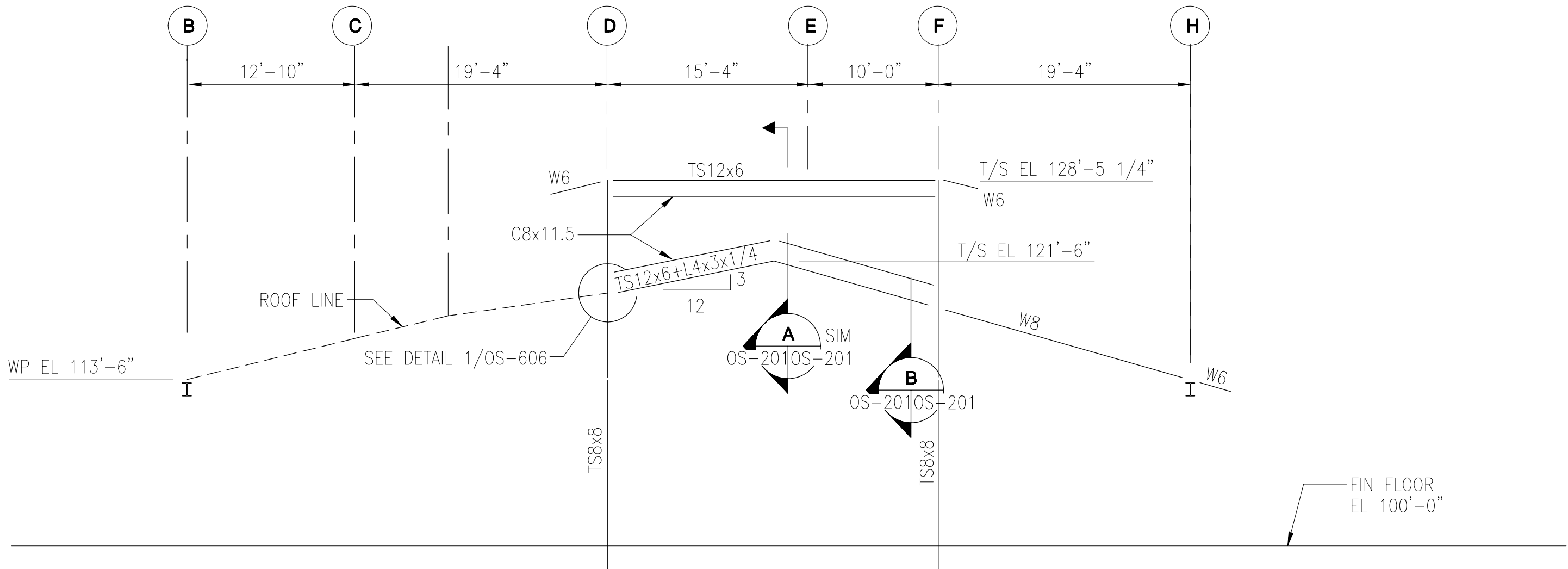
GENERAL NOTES:

1. DETAILS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED
- 

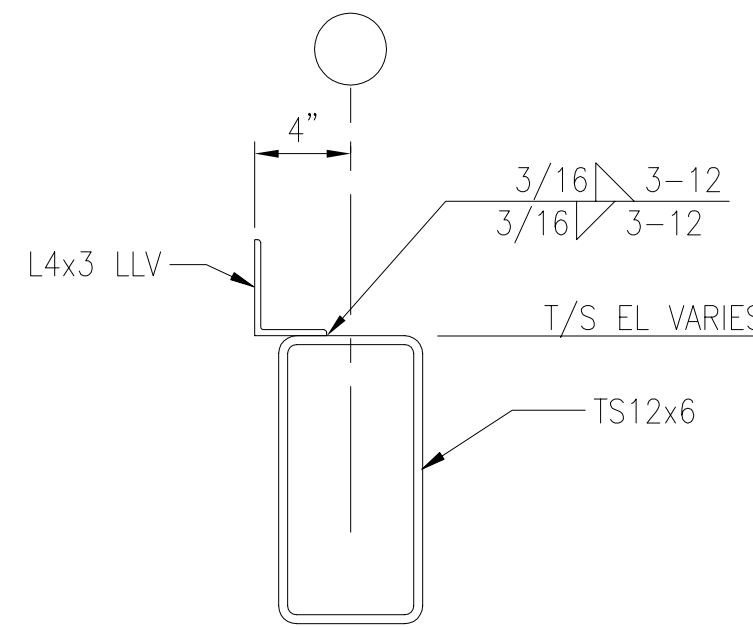
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SCALE IN FEET
2. PLASTIC LAMINATED ON ALL EXPOSED SURFACES UNLESS OTHERWISE NOTED
  3. REFERENCE ROOM FINISH SCHEDULE ON DWGS HA-401, OA-400, AND SPECIFICATIONS FOR PLASTIC LAMINATE COLOR.





SECTION A-A  
OS-2010S-201



SECTION B-B  
OS-2010S-201



US Army Corps  
of Engineers  
Norfolk District

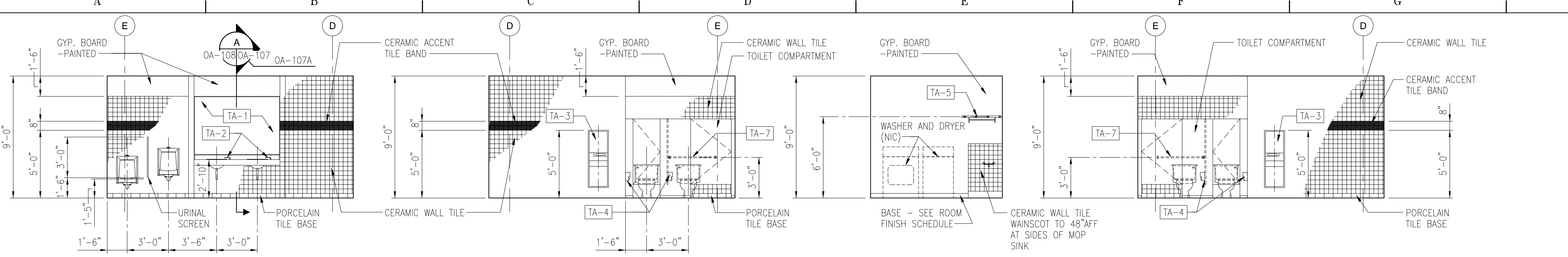
REV	DATE	DESCRIPTION	BY	APP
1	1/17/02	ADDED TS8x8 TO ELEVATION PER AMENDMENT 8		
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DESIGNED	CHECKED	DATE	SCALE	PROJECT NO.	DRAWING NO.	PROJECT NAME
JMM	JAS	OCT 2001	AS SHOWN	HAC023011	711-18-13	BURNS & McDONNELL
AGB	ERK			LF-422-1.566	DACA65-01-R-0025	9400 WARD PARKWAY
						KANSAS CITY, MISSOURI 64114
						File name: X

PROJECT NAME	PROJECT NO.	DRAWING NO.	PROJECT NAME
F-22 OPERATIONS AND MAINTENANCE FACILITIES	HAC023011	711-18-13	F-22 OPERATIONS AND MAINTENANCE FACILITIES
LANGLEY AIR FORCE BASE, VIRGINIA	LF-422-1.566	DACA65-01-R-0025	LANGLEY AIR FORCE BASE, VIRGINIA
BASE OPERATIONS FACILITY			BASE OPERATIONS FACILITY
ELEVATION - ROWS 4, 5, 6, & 7			ELEVATION - ROWS 4, 5, 6, & 7

OS-201  
SHEET566 OF 769



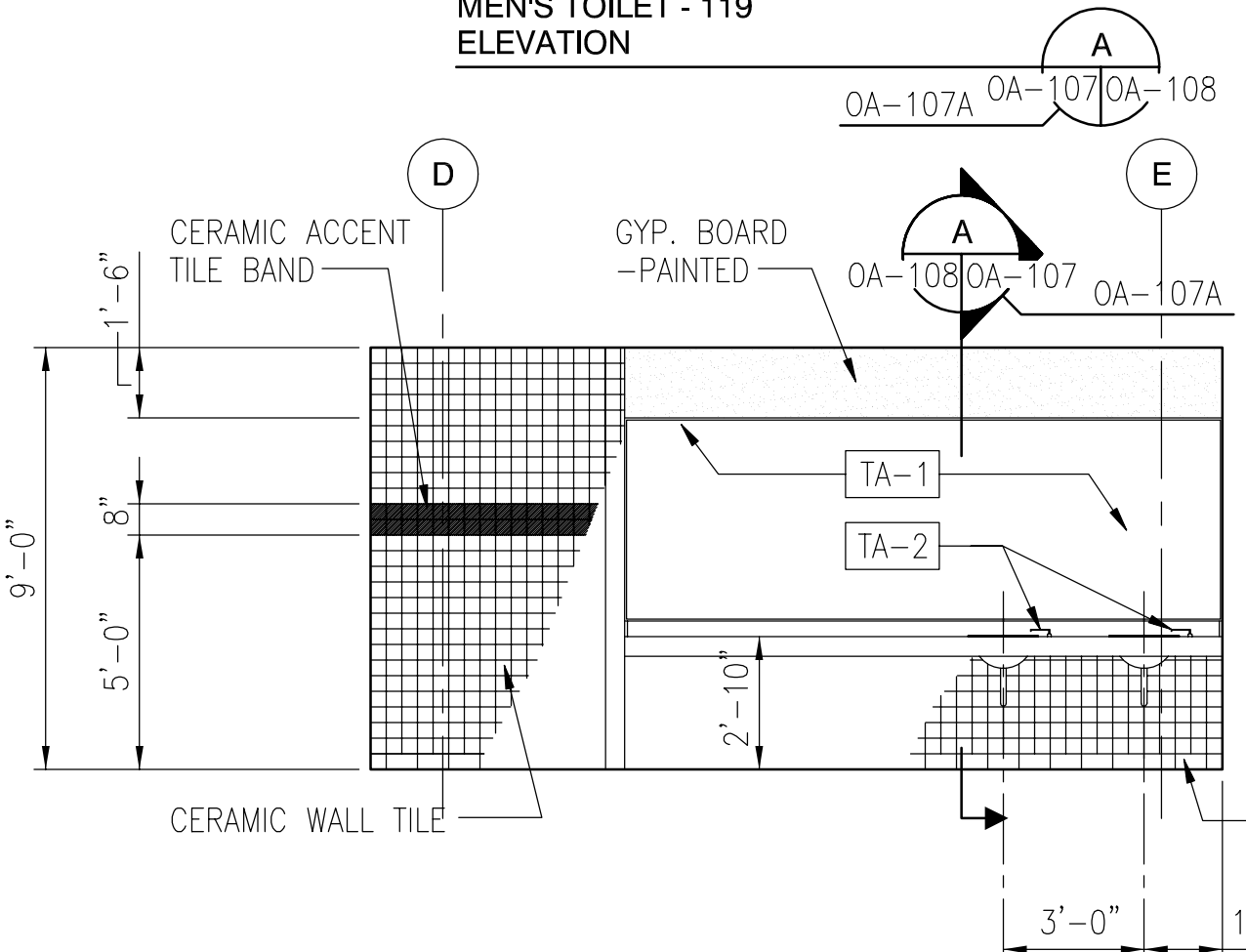


MEN'S TOILET - 119  
ELEVATION

MEN'S TOILET - 119  
ELEVATION

STORAGE - 118  
ELEVATION

WOMEN'S TOILET - 117  
ELEVATION

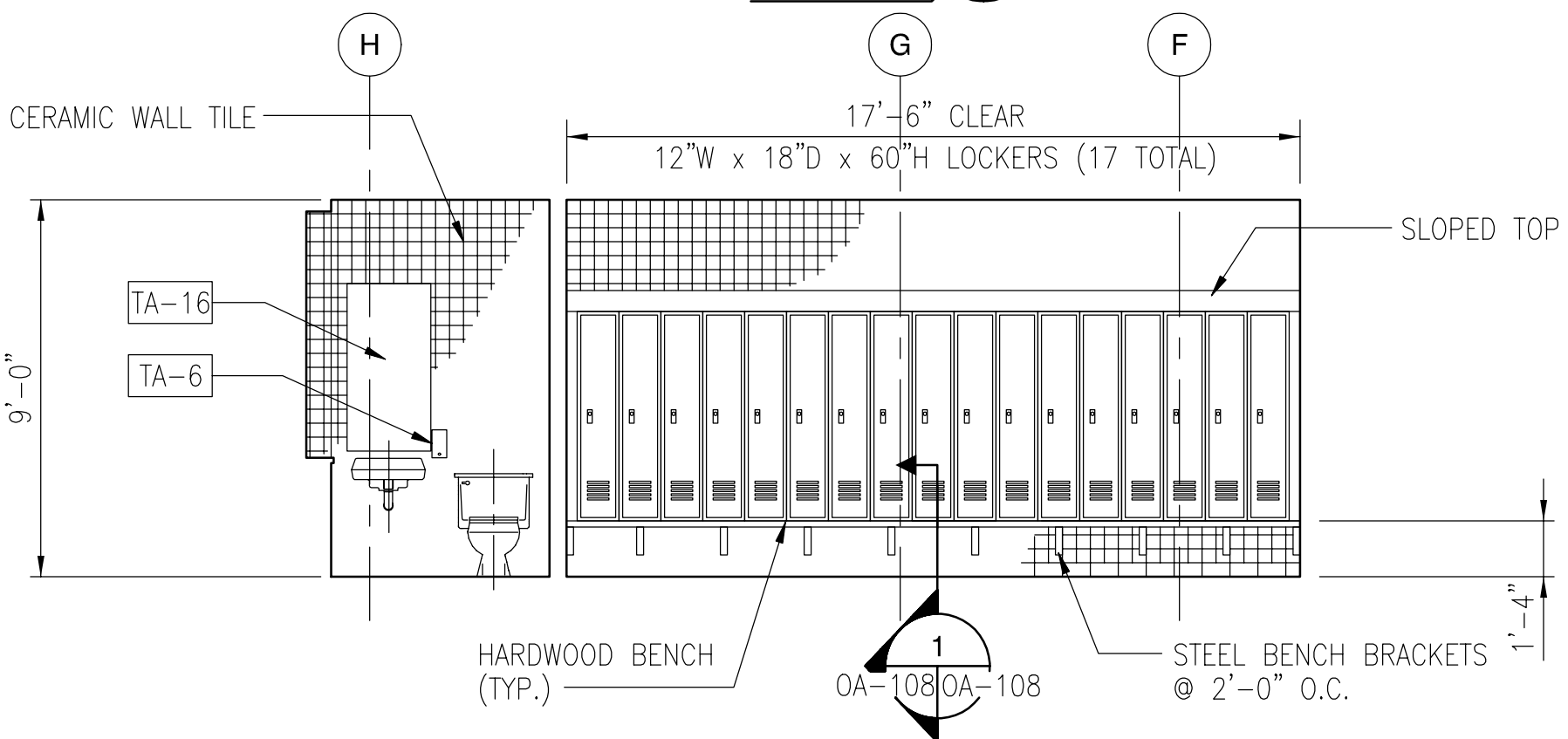


WOMEN'S TOILET - 117  
ELEVATION

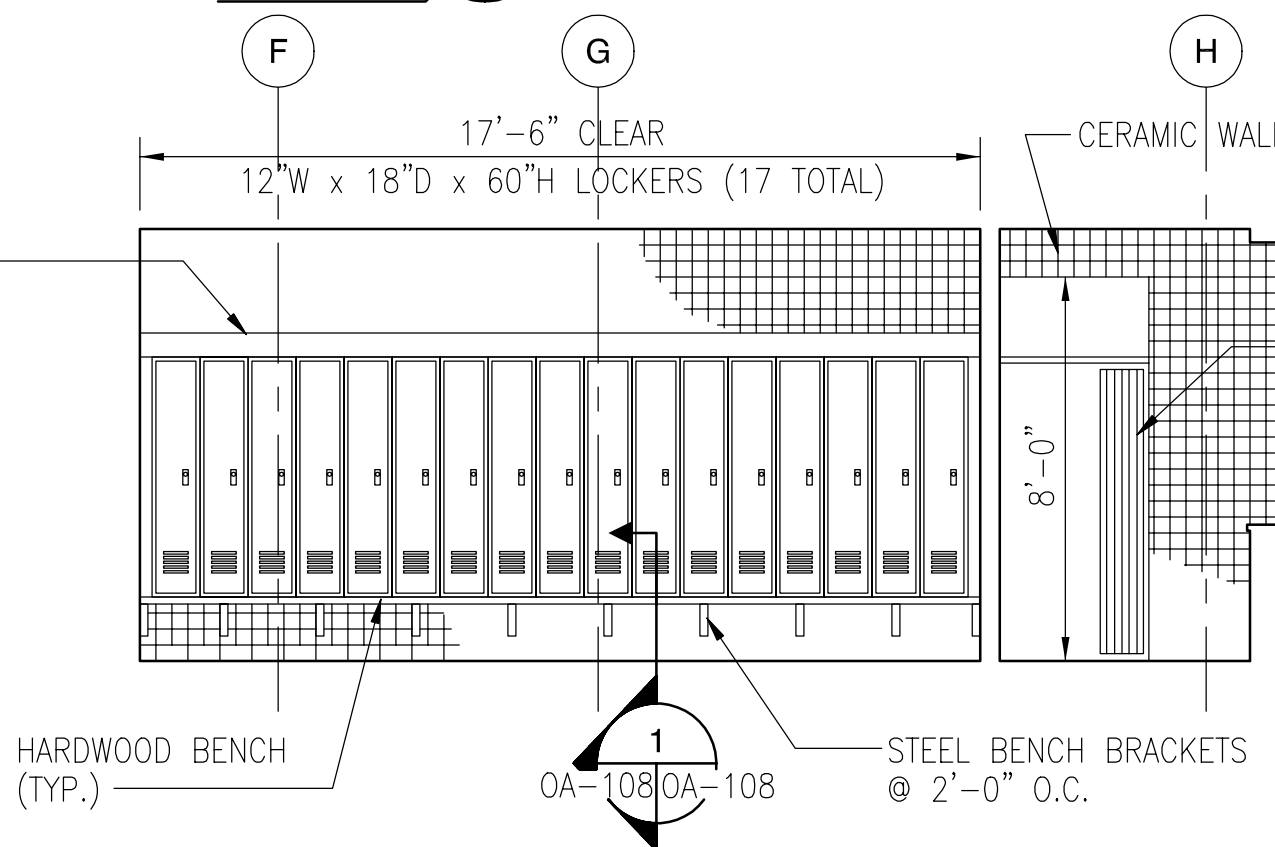
CORRIDOR - 116  
ELEVATION

ELEVATION - BREAK ROOM - 113

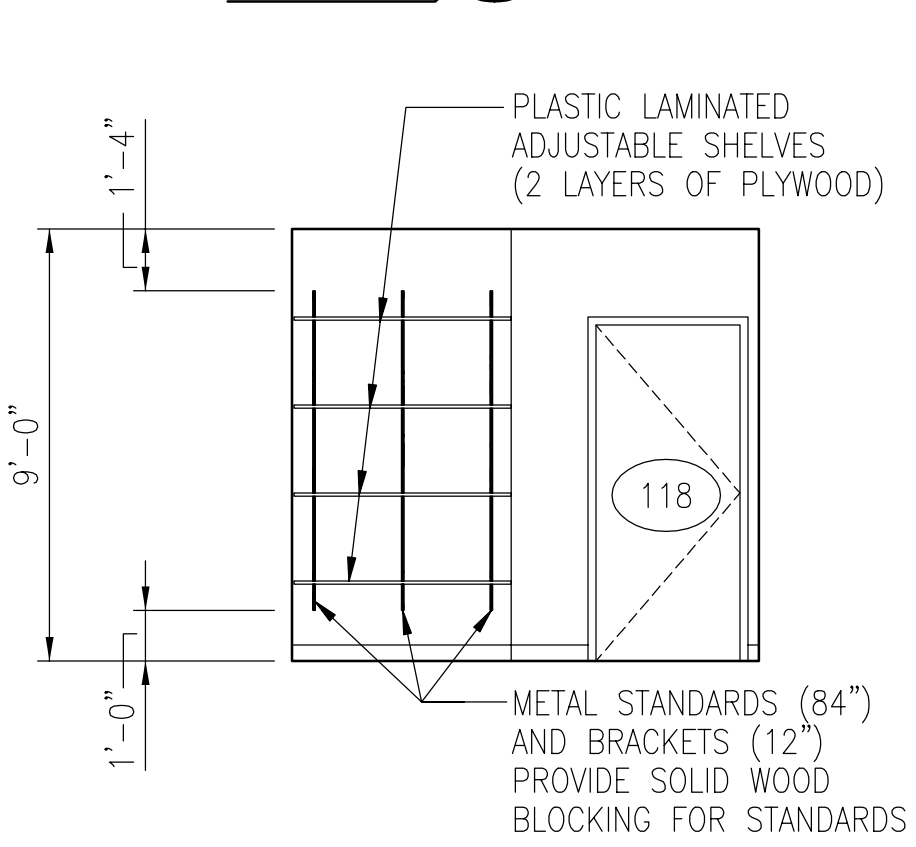
**GENERAL NOTES:**  
1. ELEVATIONS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED



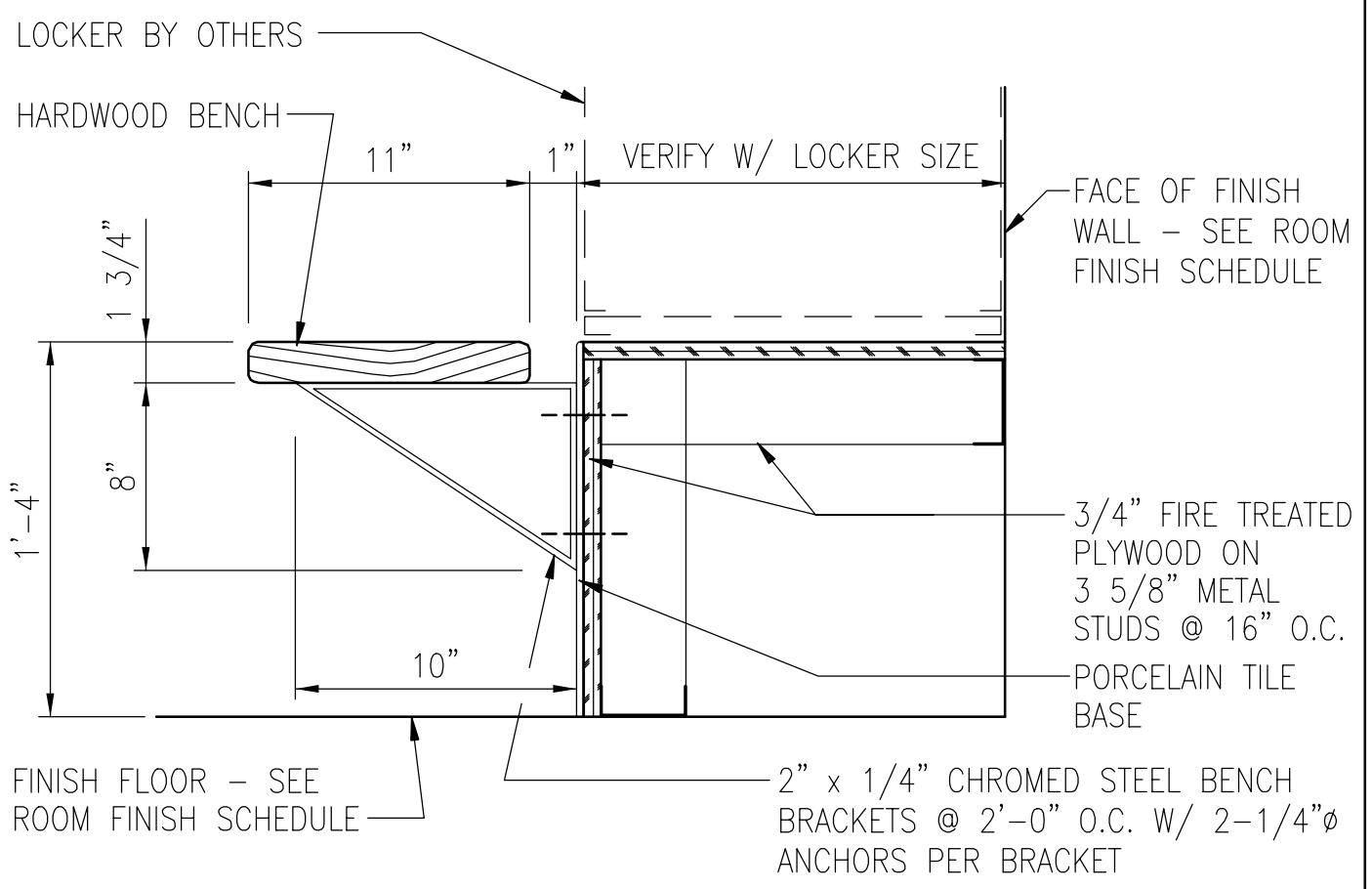
LOCKER & TOILET / SHWR - 112 & 112A  
ELEVATION



LOCKER & TOILET / SHWR - 112 & 112A  
ELEVATION



STORAGE - 118  
ELEVATION



TYPICAL LOCKER BENCH  
SUPPORT DETAIL

TOILET ACCESSORIES LEGEND			
TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-1	MIRROR (FULL WIDTH OF LAV. COUNTER x 4'-4" HIGH)	B-290	RE: TOILET ELEVATIONS ON DWG OA-108
TA-2	SOAP DISPENSER	B-822	LAVATORY COUNTERTOP MOUNTED
TA-3	PAPER TOWEL DISP W/ WASTE RECEP	B-3944	5'-0" TO TOP OF ITEM
TA-4	TOILET TISSUE DISPENSER	B-288	RE: STANDARD MOUNTING DETAILS, OA-107
TA-5	30" MOP & BROOM HOLDER W/ UTILITY SHELF	B-224	6'-0" TO CENTER OF ITEM
TA-6	SOAP DISPENSER	B-155	ABOVE AND ON RIGHT SIDE OF LAV.

TOILET ACCESSORIES LEGEND			
TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-7	PAIR OF GRAB BARS 36" LONG AND 42" LONG	B-5507.99	RE: STANDARD MOUNTING DETAILS, OA-107
TA-8	SANITARY NAPKIN DISPOSAL	B-270	RE: STANDARD MOUNTING DETAILS, OA-107
TA-9	SANITARY NAPKIN - TAMPON DISPENSER	B-2800	6'-2" TO TOP OF DISPENSER (4'-4" TO TOP OF ITEM - HANDL.)
TA-10	TOWEL BAR 24"	B-6737	3'-0" TO CENTERLINE OF ITEM
TA-11	PAPER TOWEL DISPENSER	B-263	SEE TOILET ELEVATIONS ON DWG OA-108
TA-12	ROBE HOOK	B-6727	5'-0" TO CENTER OF ITEM

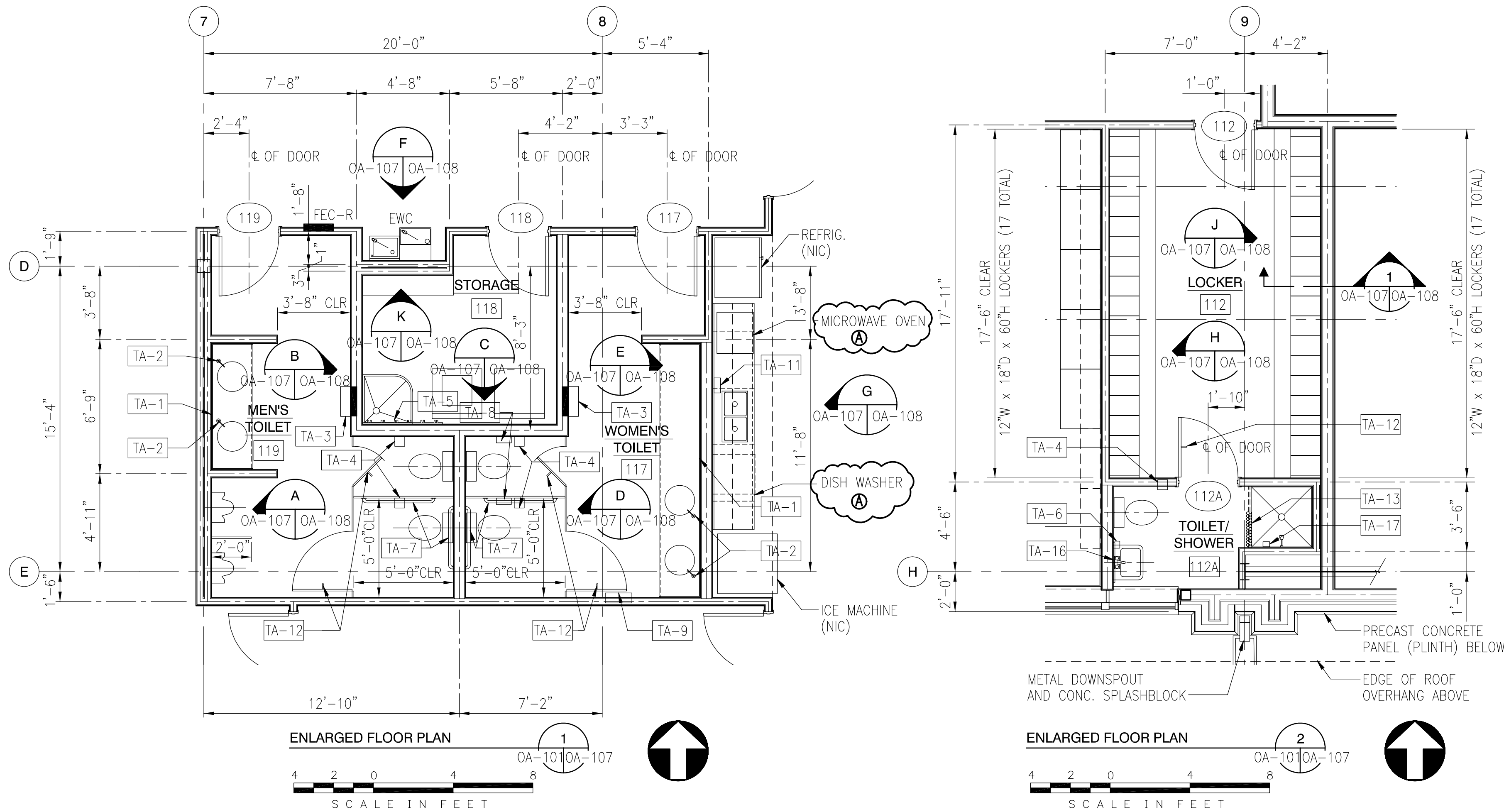
TOILET ACCESSORIES LEGEND			
TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-13	SHOWER CURTAIN ROD, HOOKS AND CURTAIN	B-6047, 204-1 & 204-2	6'-4" TO CENTER OF ITEM
TA-14	GRAB BAR 21" x 31" (SHOWER STALL)	B-6161	2'-10" TO CENTER OF ITEM
TA-15	FOLDING SHOWER SEAT	B-5181	1'-6" TO TOP OF SEAT
TA-16	MIRROR 24" x 48"	B-290	3'-0" TO BOTTOM OF ITEM
TA-17	SOAP DISH	B-680	3'-2" TO CENTER OF ITEM

US Army Corps  
of Engineers  
Norfolk District

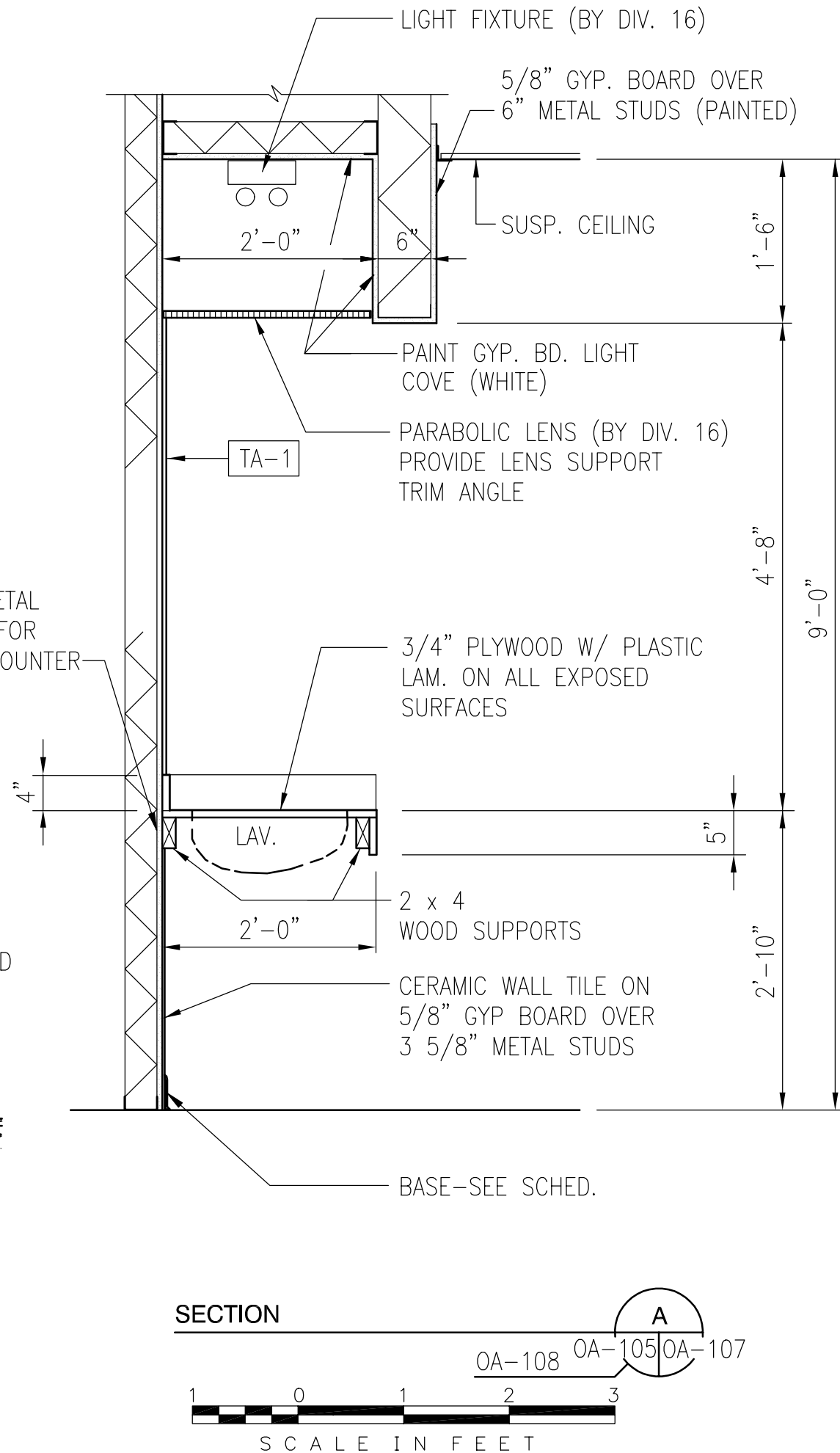
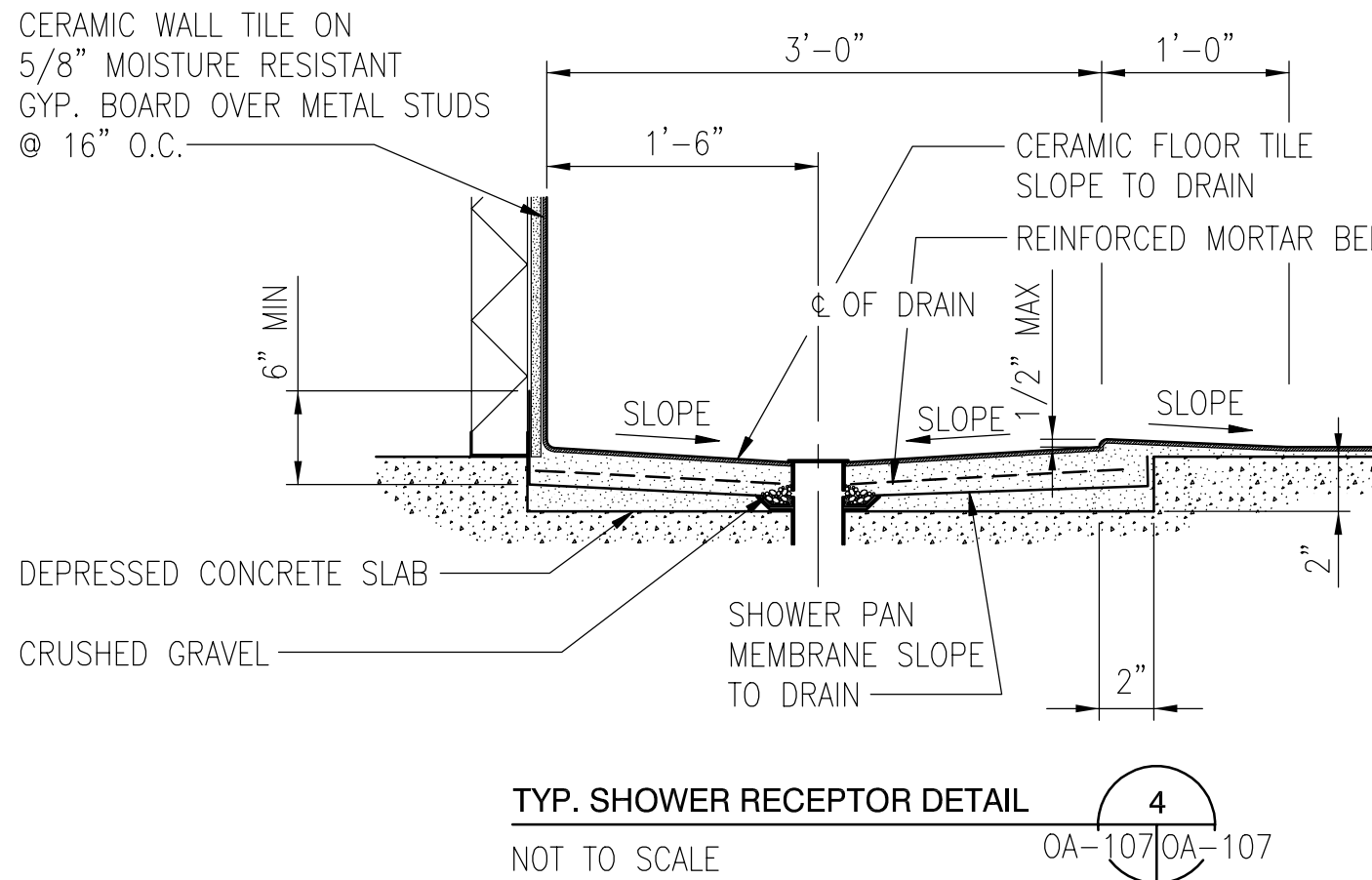
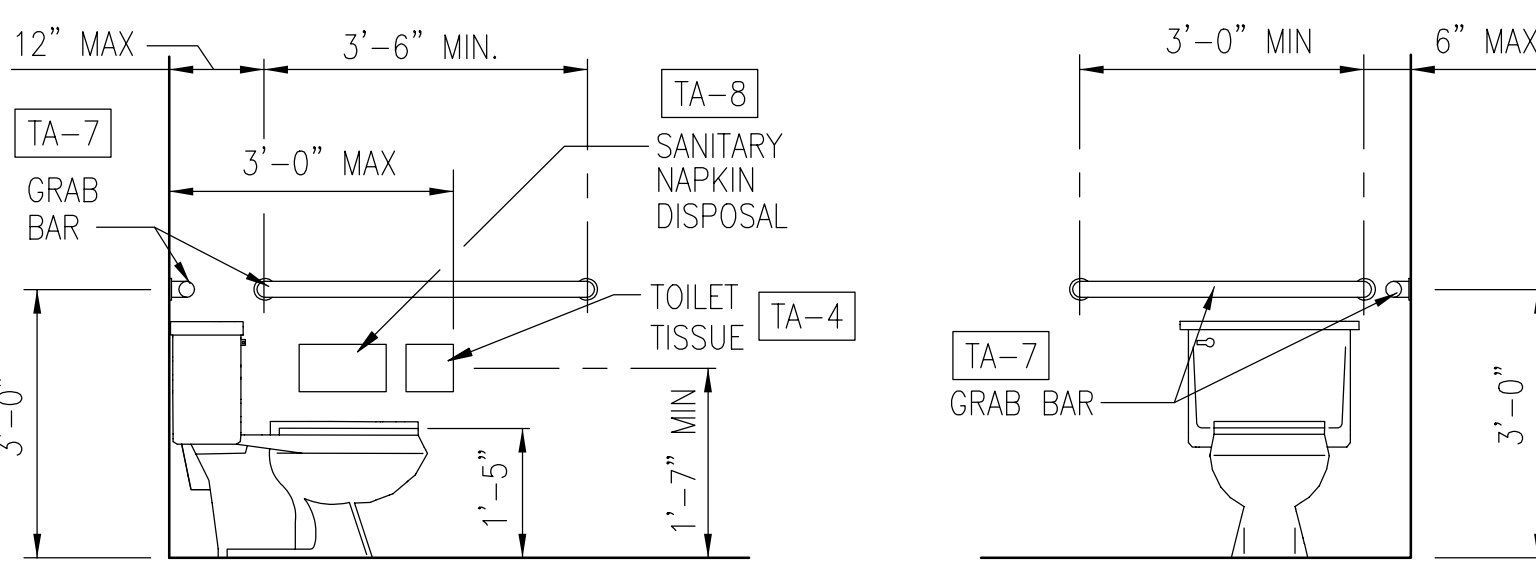
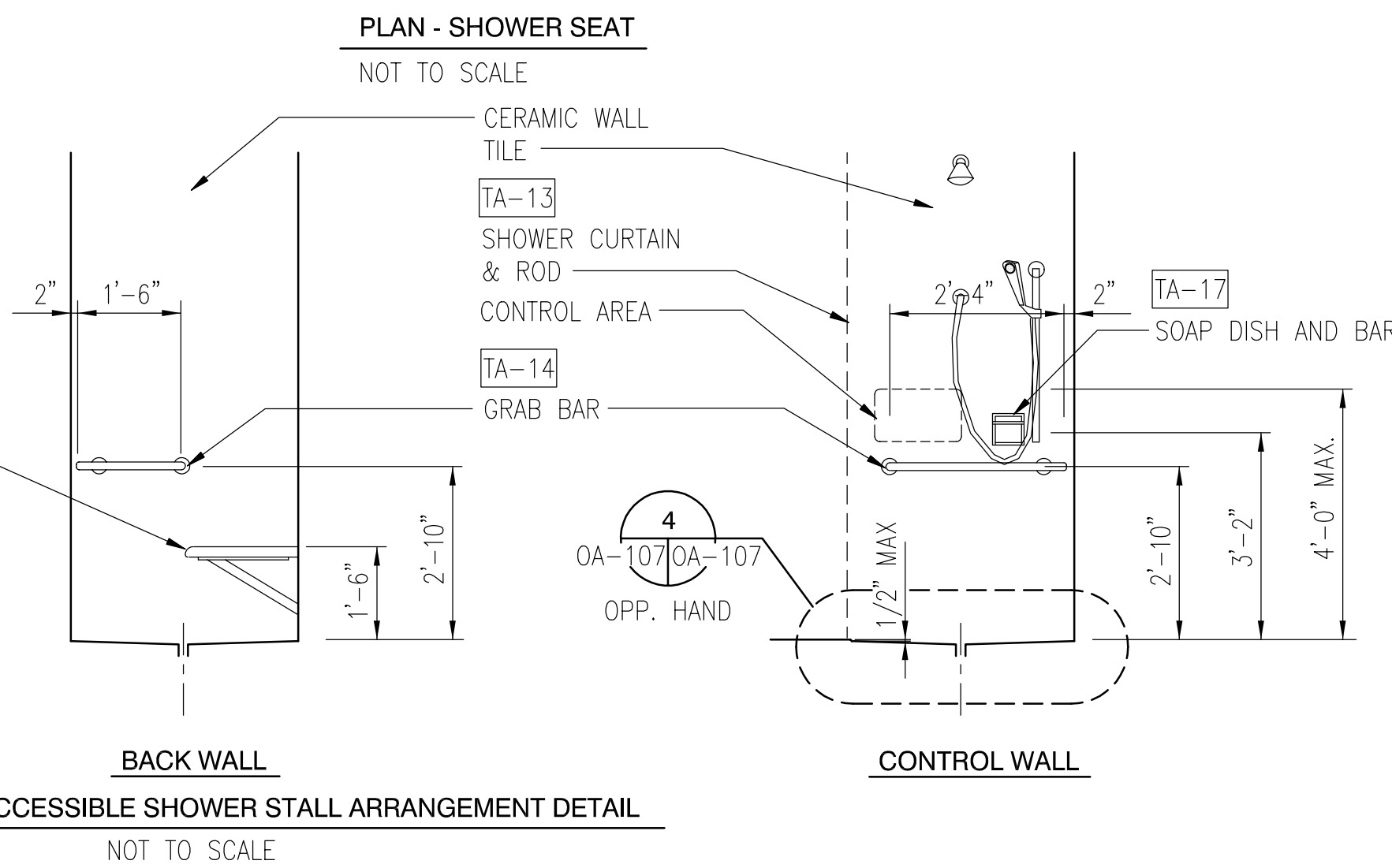
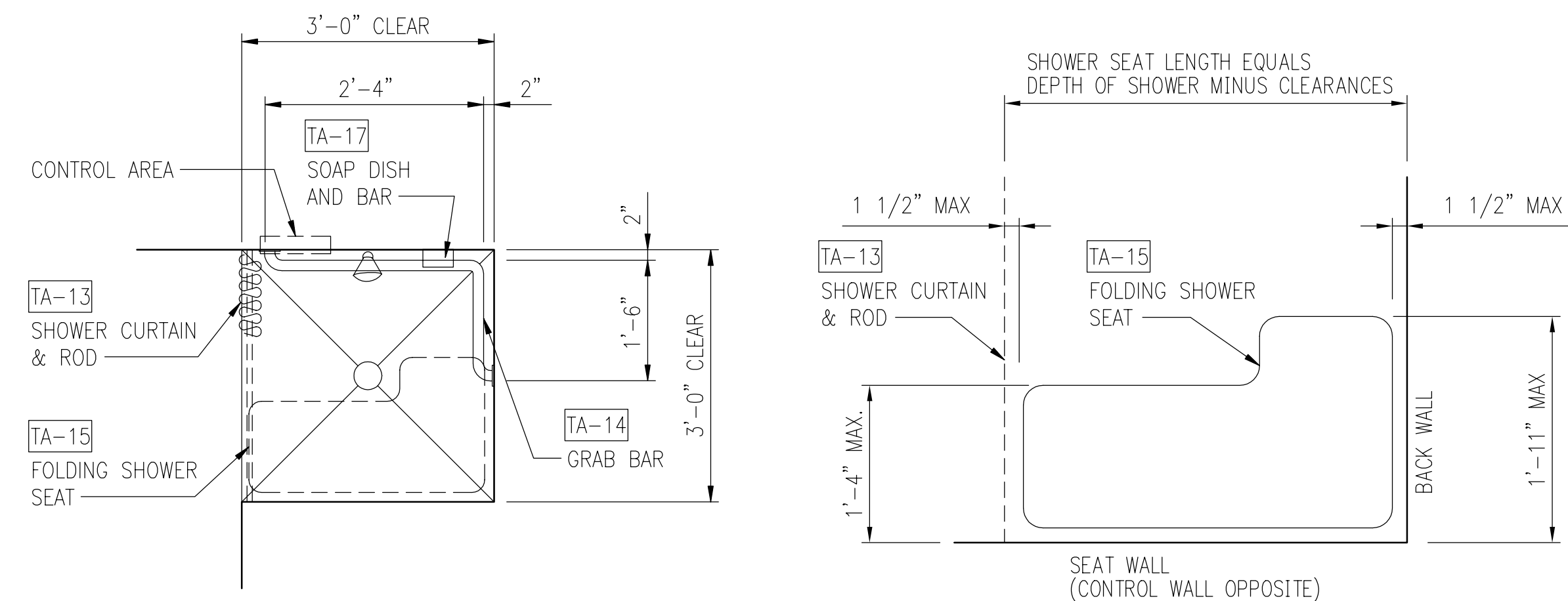
DESIGNED BY	RAJ	CHECKED BY	RWB	DATE	OCT 2001
DRAWN BY	IHC	SUBMITTED	AS SHOWN	SCALE	AS SHOWN
PROJECT NO.	HACCO23011	NORFOLK DISTRICT FILE NO.	LF-422-1.1544	PRODUCT NO.	LF-422-1.1544
DRAWING NO.	711-18-13	SPECIFICATION NO.	DACA65-01-R-0025	FILE NAME	VA045430.DWG
LAST MODIFIED	06-11-03	FILE NAME	VA045430.DWG	FILE NO.	11

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
BASE OPERATIONS FACILITY  
INTERIOR ELEVATIONS

OA-108  
SHEET 544 OF 769



TOILET ACCESSORIES LEGEND			
TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-1	MIRROR (FULL WIDTH OF LAV. COUNTER x 4'-4" HIGH)	B-290	RE: TOILET ELEVATIONS ON DRAWING OA-105 AND OA-108
TA-2	SOAP DISPENSER	B-822	LAVATORY COUNTERTOP MOUNTED
TA-3	PAPER TOWEL DISP W/ WASTE RECEP	B-3944	5'-0" TO TOP OF ITEM
TA-4	TOILET TISSUE DISPENSER	B-288	RE: STANDARD MOUNTING DETAILS ON THIS DWG
TA-5	30" MOP & BROOM HOLDER W/ UTILITY SHELF	B-224	6'-0" TO CENTER OF ITEM
TA-6	SOAP DISPENSER	B-155	ABOVE AND ON RIGHT SIDE OF LAV.
TA-7	PAIR OF GRAB BARS 36" LONG AND 42" LONG	B-5507.99	RE: STANDARD MOUNTING DETAILS ON THIS DWG
TA-8	SANITARY NAPKIN DISPOSAL	B-270	RE: STANDARD MOUNTING DETAILS ON THIS DWG
TA-9	SANITARY NAPKIN - TAMPON DISPENSER	B-2800	6'-2" TO TOP OF DISPENSER (4'-4" TO TOP OF ITEM - HANDL.)
TA-10	TOWEL BAR 24"	B-6737	3'-0" TO CENTERLINE OF ITEM
TA-11	PAPER TOWEL DISPENSER	B-263	RE: TOILET ELEVATIONS ON DWG OA-108
TA-12	ROBE HOOK	B-6727	5'-0" TO CENTER OF ITEM
TA-13	SHOWER CURTAIN ROD, HOOKS AND CURTAIN	B-6047, 204-1 & 204-2	6'-4" TO CENTER OF ITEM
TA-14	GRAB BAR 21" x 31" (SHOWER STALL)	B-6161	2'-10" TO CENTER OF ITEM
TA-15	FOLDING SHOWER SEAT	B-5181	1'-6" TO TOP OF SEAT
TA-16	MIRROR 24" x 48"	B-290	3'-0" TO BOTTOM OF ITEM
TA-17	SOAP DISH	B-680	3'-2" TO CENTER OF ITEM



US Army Corps of Engineers  
Norfolk District

DESIGNED BY	RAJ	CHECKED BY	RWB	DATE	OCT 2001
DRAWN BY	IHC	SUBMITTED	AS SHOWN	SCALE	AS SHOWN
PROJECT NO.	HAC023011	NORFOLK DISTRICT FILE NO.	LF-422-1543	PRODUCT NO.	711-18-13
DRAWING NO.	711-18-13	SPECIFICATION NO.	DACA65-01-R-0025	FILE NAME	VARLEY\ARCH\DESIGN\BASE_DPS\OA-107.DWG
LAST MODIFIED	01-11-03	FILE NAME	VARLEY\ARCH\DESIGN\BASE_DPS\OA-107.DWG	DATE	01-11-03

F-22 OPERATIONS AND MAINTENANCE FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
BASE OPERATIONS FACILITY  
ENLARGED FLOOR PLANS

OA-107  
SHEET 543 OF 769





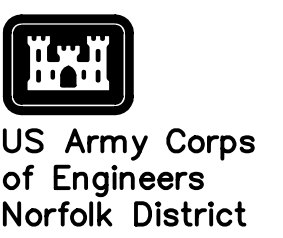


ROOM FINISH SCHEDULE																
ROOM NO	ROOM NAME	FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
		MATERIAL	CL'R	MATERIAL	CL'R	MATERIAL	CL'R	MATERIAL	CL'R	MATERIAL	CL'R	MATERIAL	CL'R	MATERIAL	HEIGHT	
101	WASH BAY	SH	--	--	--	DOOR PANELS/ MTL PNL	I	CMU-PT/ MTL PNL	I	CMU-PT/ MTL PNL	I	CMU-PT/ MTL PNL	I	ECP	VARIES	8,10 A
102	FIRE PROTECTION EQUIPMENT ROOM	SH	--	--	--	CMU-GB	--	CMU-GB	--	CMU-GB	--	CMU-GB	--	EXP CONST	VARIES	
103	UNI-SEX TOILET	PFT	B	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT	8'-0"	2
104	SERVICE CORRIDOR #1	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	10'-0"	
105	WASH BAY OFFICE	CPT	A	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	9'-0"	
106	WASH BAY EQUIPMENT ROOM	SH	--	RB	E	CMU-PT/ GB-PT	J	CMU-PT/ GB-PT	J	CMU-PT/ GB-PT	J	CMU-PT/ GB-PT	J	ECP	VARIES	10 A
107	TRAINING DETACHMENT/LABORATORY	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	GB-PT	12'-0"	
108	TRAINING ROOM	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	GB-PT	12'-0"	
109	COATINGS RESTORATION BAY	SH	--	--	--	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	VARIES	8,10 A
110	PLENUM #1	SH	--	--	--	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	VARIES	
111	STAGING AREA	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	10'-0"	
112	COMPOSITE AND PAINT STORAGE	SH	--	--	--	CMU-GB	--	CMU-GB	--	CMU-GB	--	CMU-GB	--	EXP CONST	VARIES	
113	HAZARDOUS STORAGE	SH	--	--	--	CMU-GB	--	CMU-GB	--	CMU-GB	--	CMU-GB	--	EXP CONST	VARIES	
114	COATINGS RESTORATION BAY	SH	--	--	--	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	VARIES	8,10 A
115	PLENUM #2	SH	--	--	--	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	M	MTL PNL	VARIES	
116	SERVICE CORRIDOR #2	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	10'-0"	
117	COMPRESSOR ROOM	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
118	BOILER ROOM	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
119	JANITOR	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	GB-PT	10'-0"	1
120	COMMUNICATIONS #2	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
121	ELECTRICAL ROOM #2	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
122	MECHANICAL ROOM	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
123	MEN'S DECONTAMINATION	PFT	B,C	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT	9'-0"	2,4,6
124	WOMEN'S DECONTAMINATION	PFT	B,C	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT	9'-0"	2,4,6
125	WOMEN'S LOCKER	PFT	B,C	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT	9'-0"	2,6,9
126	WOMEN'S TOILET	PFT	B,C	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT/CWT	J,G,H	GB-PT/CWT	J,G,H	GB-PT	9'-0"	2,4,5
127	MEN'S LOCKER	PFT	B,C	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT	9'-0"	2,6,9
128	MEN'S TOILET	PFT	B,C	PTB	F	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	CMU-PT/CWT	J,G,H	GB-PT	9'-0"	2,4,5
129	BREAK ROOM	PFT	B,C	PTB	F	GB-PT	J	GB-PT	J	GB-PT	J	GB-PT	J	ATC	9'-0"	2,3
130	ADMINISTRATION	CPT	A	RB	E	GB-PT	J	GB-PT	J	GB-PT	J	GB-PT	J	ATC	9'-0"	
131	ENTRY / CIRCULATION	PFT	B,C	PTB	F	GB-PT	J	GB-PT	J	GB-PT	J	GB-PT	J	ATC	9'-0"	2
132	AIR SHOWER	---	--	---	--	---	--	---	--	---	--	---	--	---	--	7
133	AFET / FSR	CPT	A	RB	E	GB-PT	J	GB-PT	J	GB-PT	J	GB-PT	J	ATC	9'-0"	
134	ASM OFFICE	CPT	A	RB	E	GB-PT	J	GB-PT	J	GB-PT	J	GB-PT	J	ATC	9'-0"	
135	IMIS / SERVER ROOM	CPT	A	RB	E	GB-PT	J	GB-PT	J	GB-PT	J	GB-PT	J	ATC	9'-0"	
136	COMPOSITE REPAIR / PREPARATION	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	GB-PT	14'-0"	
137	COMPOSITE REPAIR / CURING	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	GB-PT	14'-0"	
138	TOOL ROOM	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	9'-0"	
139	DIRTY AREA / READY ROOM	RVT	D	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	9'-0"	
140	ELECTRICAL ROOM #1	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
141	SATELLITE ACCUM. POINT #1	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
142	SATELLITE ACCUM. POINT #2	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
143	COMMUNICATIONS #1	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	
144	SERVICE CORRIDOR #3	SH	--	RB	E	CMU-PT	J	CMU-PT	J	CMU-PT	J	CMU-PT	J	ATC	10'-0"	
145	DUST COLLECTION ROOM	SH	--	--	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	CMU/GB	--	EXP CONST	VARIES	

FINISH LEGEND	
ITEM	MATERIAL NAME
	FLOOR
CPT	CARPET
SH	SEALER HARDENER
LRCH	LIGHT REFLECTIVE CONCRETE HARDENER
PFT	PORCELAIN FLOOR TILE 12" sq.
RVT	RESILIENT VINYL TILE 12" sq.
	BASE
RB	RUBBER BASE 4" TALL
PTB	PORCELAIN TILE BASE 4" TALL
	WALLS
CMU	CONCRETE MASONRY UNITS
CMU-PT	CONCRETE MASONRY UNITS - PAINTED
CWT	CERAMIC WALL TILE
GB	GYPSUM BOARD
GB-PT	GYPSUM BOARD - PAINTED
MTL PNL	PRE-FINISHED INSULATED METAL PANEL
	CEILING
ATC	ACOUSTICAL TILE CEILING 24" sq.
EXP CONST	EXPOSED CONSTRUCTION - UNPAINTED
ECP	EXPOSED CONSTRUCTION - PAINTED
GB-PT	GYPSUM BOARD PAINTED
MTL PNL	PRE-FINISHED INSULATED METAL PANEL
N/A	NOT APPLICABLE

GENERAL NOTES	
1. ALL INTERIOR HOLLOW METAL DOORS AND METAL ROLLING DOORS SHALL BE PAINTED ITEM NO. "J" AS SCHEDULED IN THE COLOR KEY LEGEND. ALL INTERIOR HOLLOW METAL DOOR FRAMES SHALL BE PAINTED ITEM NO. "K" AS SCHEDULED IN THE COLOR KEY LEGEND.	
2. ALL GYPSUM BOARD CEILINGS AND SOFFITS SHALL BE PAINTED ITEM NO. "L" AS SCHEDULED IN THE COLOR KEY LEGEND.	
REMARKS	
1. CERAMIC TILE WAINSCOT TO 44" ABOVE FINISH FLOOR AT SIDES OF MOP SINK.	
2. REFERENCE TOILET ELEVATIONS FOR CERAMIC TILE WALL PATTERN AND LA-601 AND LA-604 FOR PORCELAIN TILE FLOOR PATTERN.	
3. COUNTERTOPS AND BACKSPLASH TO BE/MATCH 507-58 FOLKSTONE GRAFIX BY FORMICA AND CASEWORK MATERIALS BE/MATCH 927-58 FOLKSTONE BY FORMICA.	
4. TOILET PARTITIONS TO BE/MATCH GLOBAL 2135 FROST BLUE.	
5. COUNTERTOPS AND BACKSPLASH TO BE/MATCH 4640-60 DOVE MORaine BY WILSONART.	
6. LOCKERS TO BE/MATCH REPUBLIC STORAGE SYSTEMS 50 GRAY. LOCKER BENCHS TO HAVE CLEAR SEALER.	
7. BY AIR SHOWER MANUFACTURER. AIR SHOWER COLOR SHALL BE WHITE.	
8. REFERENCE SPECIFICATION SECTION 03300 FOR LIGHT REFLECTIVE CONCRETE HARDENER.	
9. MOISTURE RESISTANT GYPSUM BOARD	
10. FIELD PAINT ALL EXPOSED STRUCTURAL ELEMENTS & MISCELLANEOUS STEEL, HANDRAILS, LADDERS, DUCTWORK, REGISTERS, PIPING, HANGERS, VALVES AND CONDUITS EXCEPT FOR THE PREFINISHED LINER PANELS AND FOAM GENERATORS. THE PAINT SHALL BE COLOR LEGEND KEY ITEM NO. "J" EXCEPT FOR COATING RESTORATION BAYS 109 AND 114. MATCH THE INTERIOR INSULATED WALL PANEL, CENTRIA REGAL WHITE NO. 179.	

COLOR KEY			
ITEM NO.	MANUFACTURER	COLOR	PRODUCT NUMBER
	FLOOR		
A	COLLINS & AIKMAN FLOORCOVERINGS - WAYFARER		
	SPECIFICATION TYPE "A"	SEAFARER	61515
B	DALTILE PORCELAIN TILE (FIELD COLOR)	GRIGIO GRANITE	CD40
C	DALTILE PORCELAIN TILE (ACCENT COLOR)	GRIGIO	CD13
D	ARMSTRONG VINYL COMPOSITION TILE	CIRQUE WHITE	52513
	BASE		
E	ROPPE RUBBER COVE WALL BASE	SMOKE	P174
F	DALTILE PORCELAIN TILE BASE	GRIGIO GRANITE	CD40
	WALLS		
G	DALTILE CERAMIC TILE (FIELD COLOR)	ICE GREY	K-176
H	DALTILE CERAMIC TILE (ACCENT COLOR)	GALAXY	1469
I	PRE-FINISHED LINER PANEL TO MATCH PITTSBURG PAINT	LANGLEY BEIGE	6-650
J	ICI PAINT - EGGSHELL FINISH	SUTTON PLACE	632
K	ICI PAINT - SEMIGLOSS FINISH	SONG SPARROW	606
	CEILING		
L	ICI PAINT	WHITE ON WHITE	1016
M	PRE-FINISHED INSULATED METAL PANEL TO MATCH PITTSBURG PAINT	LANGLEY BEIGE	6-650



US Army Corps  
of Engineers  
Norfolk District

REVISIONS	DATE	BY	DESCRIPTION
1	01/17/2001	AS SHOWN	AS SHOWN
2	01/17/2001	AS SHOWN	AS SHOWN
3	01/17/2001	AS SHOWN	AS SHOWN
4	01/17/2001	AS SHOWN	AS SHOWN
5	01/17/2001	AS SHOWN	AS SHOWN
6	01/17/2001	AS SHOWN	AS SHOWN

DESIGNED: JLC  
DRAWN: BBA  
PROJECT NO: HACC023010  
DRAWING NO: 711-18-13  
FILE NAME: 20345VACHLA01.DWG

CHECKED: JLC  
SUBMITTED: BBA  
NORFOLK DISTRICT FILE NO: LF-482-1.372  
SPECIFICATION NO: DAC465-01-R-0025  
Last revised on: 01/17/01  
Plot scale: 1:1

NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
LO/CRF FACILITY  
ROOM FINISH SCHEDULE

LA-401  
SHEET 372 OF 769

1

2

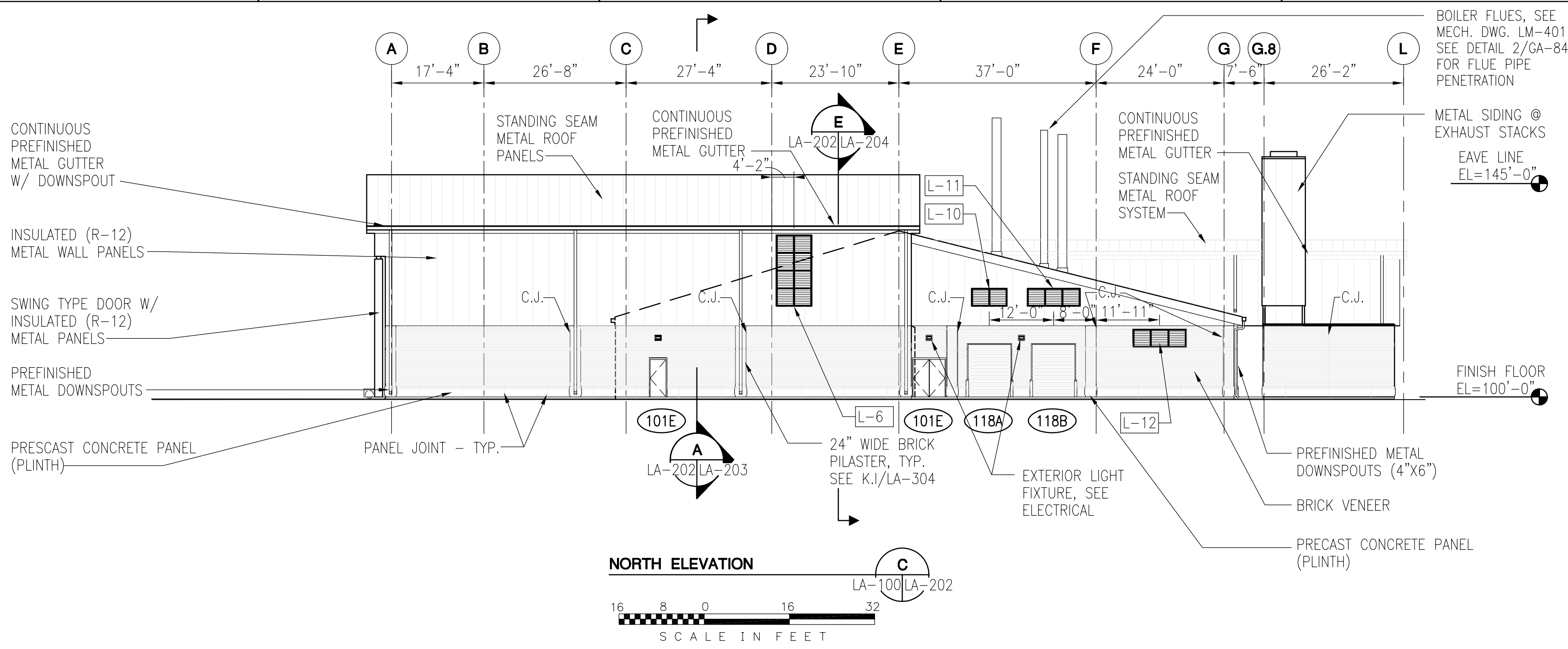
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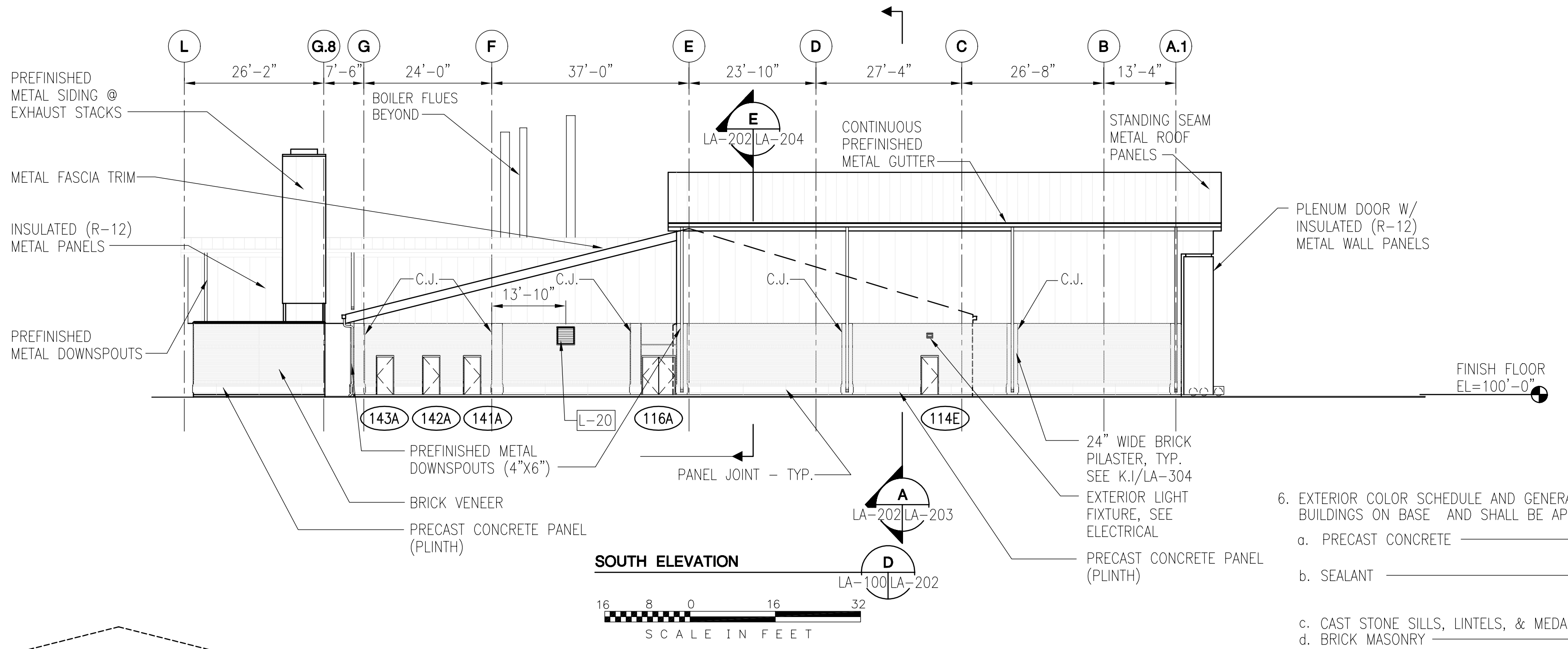
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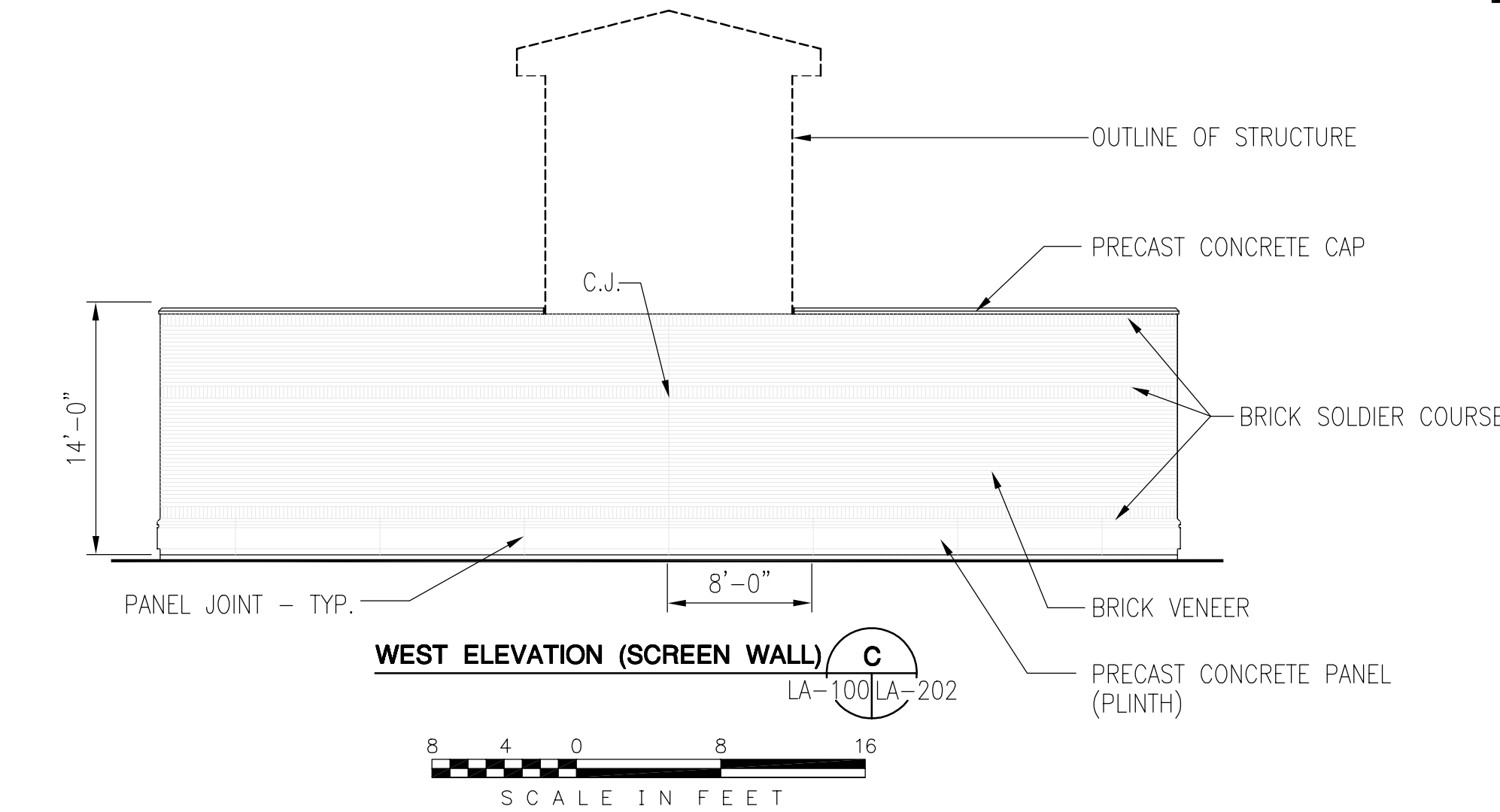
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**NORTH ELEVATION**  
LA-100/LA-202  
SCALE IN FEET  
16 8 0 16 32



**SOUTH ELEVATION**  
LA-100/LA-202  
SCALE IN FEET  
16 8 0 16 32



**WEST ELEVATION (SCREEN WALL)**  
LA-100/LA-202  
SCALE IN FEET  
8 4 0 8 16

**GENERAL NOTES:**

1. ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
2. [L05] LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
3. (151D) DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
4. REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
5. REFERENCE DRAWINGS LA-201, LA-202, LA-203 AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.

6. EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
- a. PRECAST CONCRETE \_\_\_\_\_ P & D PRECAST CO., INC.  
COLOR: BUFF/BEST MORTAR W/67
  - b. SEALANT \_\_\_\_\_ BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - c. CAST STONE SILLS, LINTELS, & MEDALLIONS \_\_\_\_\_ MATCH PRECAST
  - d. BRICK MASONRY \_\_\_\_\_ LAWRENCENVILLE BRICK  
SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A  
MODULAR STANDARD
  - e. BRICK MORTAR \_\_\_\_\_ BATCHELDER AND COLLINS / LEHIGH 00024
  - f. STANDING SEAM METAL ROOF \_\_\_\_\_ VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - g. ROOF SOFFIT \_\_\_\_\_ LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - h. FASCIA TRIM \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - i. INSULATED AND INTERIOR LINER PANELS \_\_\_\_\_ LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - j. GUTTERS \_\_\_\_\_ MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - k. DOWNSPOUTS AND LOUVERS \_\_\_\_\_ AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080  
AT WALL PANELS, LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - l. HOLLOW METAL DOOR AND FRAMES \_\_\_\_\_ AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080  
AT WALL PANELS, LAFB SPECIAL BEIGE,  
MATCH PITTSBURGH PAINTS NO. 6-650
  - m. PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS.
  - n. INSULATED INTERIOR LINER PANELS \_\_\_\_\_ CENTRIA: REGAL WHITE NO. 179
7. REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.  
8. REFERENCE DRAWINGS GA-901 FOR TYPICAL PRECAST PANEL (PLINTH) DETAILS.

NOTE:  
1. SEE LA-403 FOR LOUVER SIZES AND MOUNTING HEIGHTS.  
2. CONCRETE SPLASH BLOCKS TO BE LOCATED AT ALL METAL DOWNSPOUTS DISCHARGING TO UNPAVED AREAS

**PRECAST CONCRETE PANEL NOTE:**  
PRECAST CONCRETE PANEL MAXIMUM LENGTH SHALL BE 8'-0". THE 8'-0" PANEL SHALL BE CENTERED BETWEEN THE PILASTERS AND PANEL JOINTS SHALL BE IN 8'-0" INCREMENTS OR LESS AT INTERSECTION OF PILASTER.

REVISED EXTERIOR COLOR SCHEDULE	RAJ ERK
ADDED INTERIOR LINER PANEL FINISH COLOR NOTE	RAJ ERK
DATE	REV
10/15/2001	1
10/17/2001	2
10/17/2001	3
10/17/2001	4
10/17/2001	5
10/17/2001	6

DESIGNED: JLC	CHECKED: RAJ	DATE: OCT 2001
DRAWN: BBA	SUBMITTED: ERK	SCALE: AS SHOWN
PROJECT NO. HACC023010	NORFOLK DISTRICT FILE NO. LF-482-1.355	SPECIFICATION NO. DAC65-01-R-0025
DRAWING NO. 711-18-13	LAST WORKED ON: 10/17/01	FILE NAME: V08345\ARCH\LA022.DWG

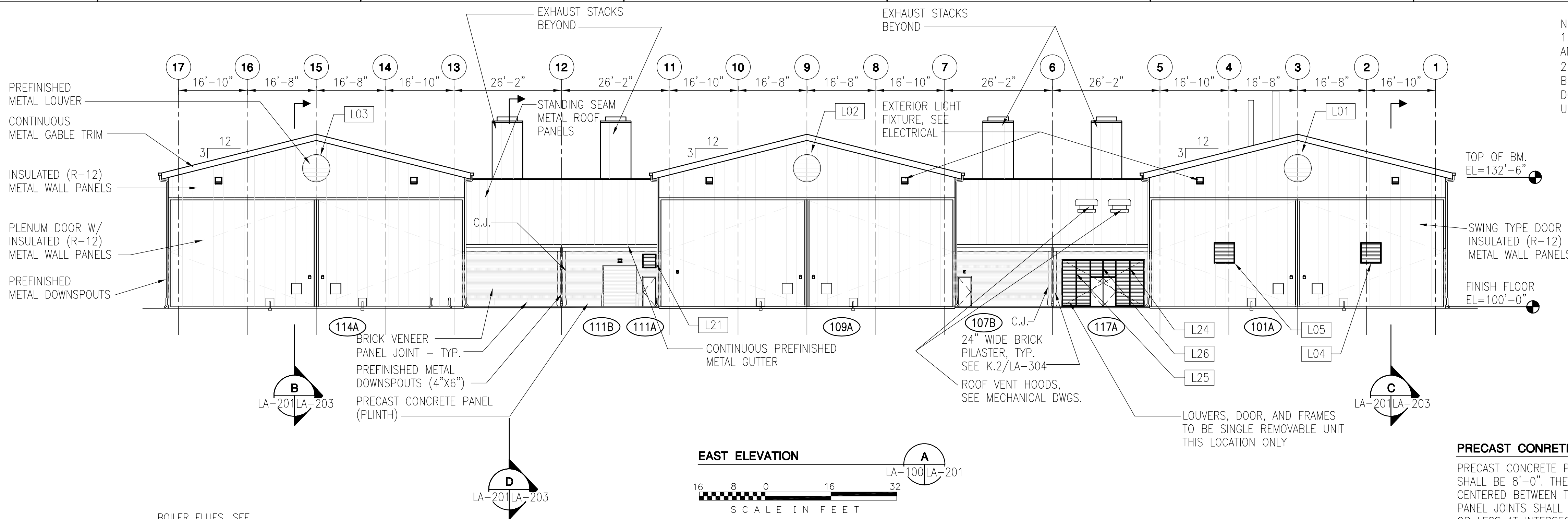
NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

**F-22 OPERATIONS AND MAINTENANCE FACILITIES**  
**LANGLEY AIR FORCE BASE, VIRGINIA**  
**LO/CRF FACILITY**  
**EXTERIOR ELEVATIONS**

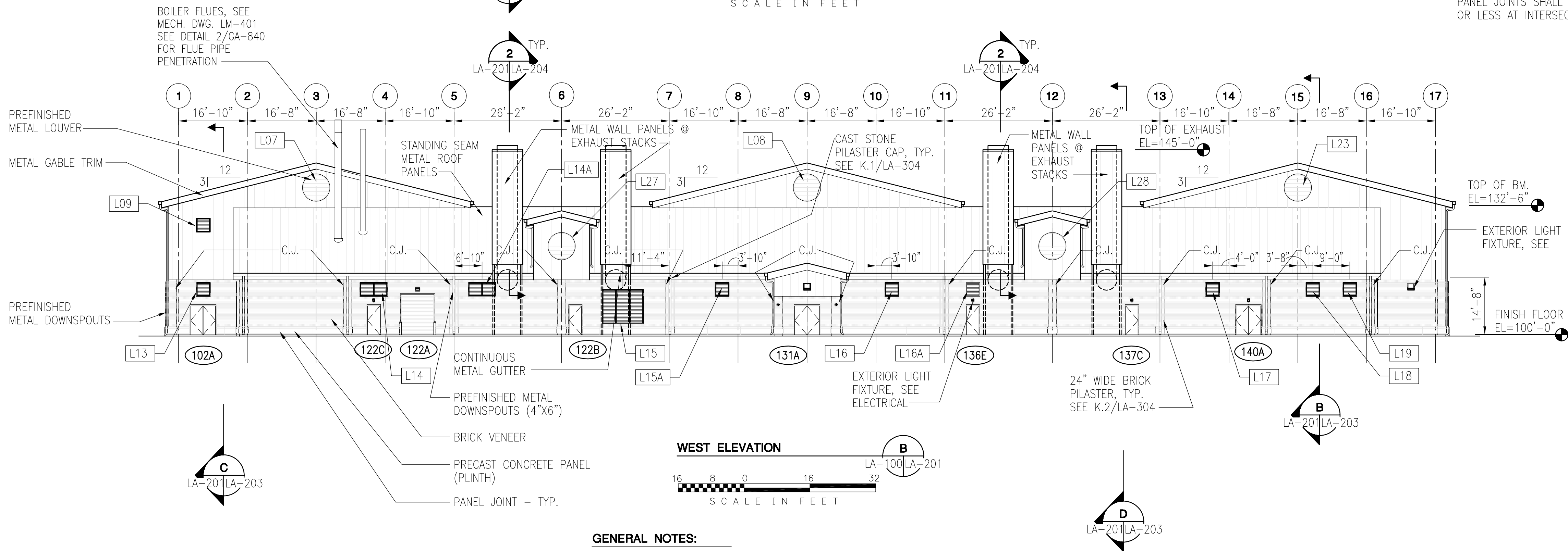
**LA-202**  
SHEET 355 OF 769





NOTE:  
1. SEE LA-403 FOR LOUVER SIZES AND MOUNTING HEIGHTS.  
2. CONCRETE SPLASH BLOCKS TO BE LOCATED AT ALL METAL DOWNSPOUTS DISCHARGING TO UNPAVED AREAS

**PRECAST CONCRETE PANEL NOTE:**  
PRECAST CONCRETE PANEL MAXIMUM LENGTH SHALL BE 8'-0". THE 8'-0" PANEL SHALL BE CENTERED BETWEEN THE PILASTERS AND PANEL JOINTS SHALL BE IN 8'-0" INCREMENTS OR LESS AT INTERSECTION OF PILASTER.

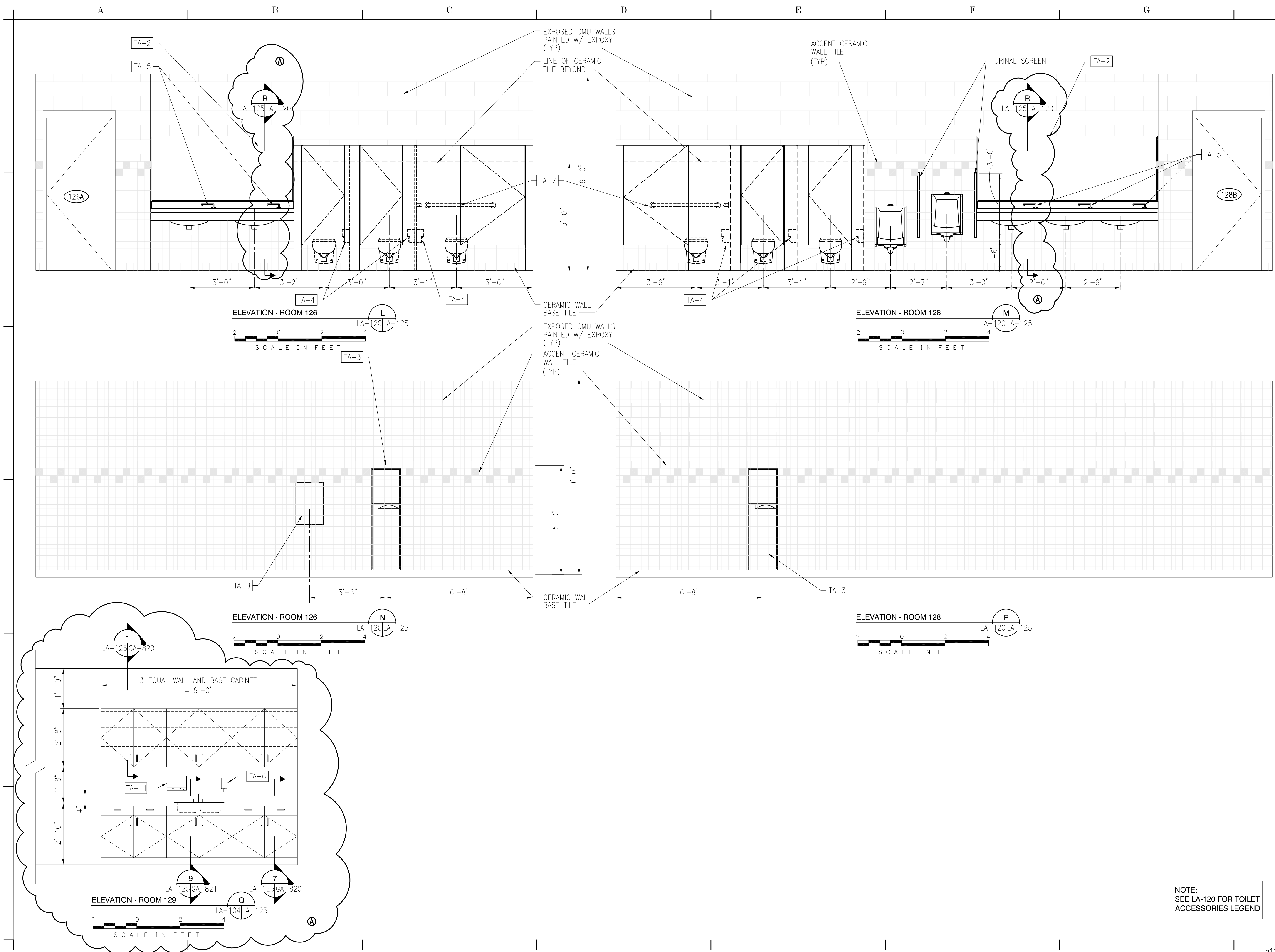


**GENERAL NOTES:**

- ARCHITECTURAL FLOOR ELEVATION 100'-0" = ACTUAL FLOOR ELEVATION 9.50
- L05 LOUVER TYPES: REFERENCE DRAWING LA-403 FOR LOUVER TYPES AND GA-812, GA-813 AND GA-814 FOR DETAILS.
- 151D DOOR TYPES: REFERENCE DRAWINGS LA-402 AND GA-800 SERIES FOR DOOR TYPES AND DETAILS.
- REFERENCE DRAWING GA-900 FOR CAST STONE DETAILS.
- REFERENCE DRAWINGS LA-201, LA-202, LA-203 AND FLOOR PLANS FOR WALL CONTROL JOINT LOCATIONS.
- EXTERIOR COLOR SCHEDULE AND GENERAL NOTES: ALL FINAL COLORS SHALL MATCH SIMILAR BUILDINGS ON BASE AND SHALL BE APPROVED BY THE CONTRACTING OFFICER.
  - PRECAST CONCRETE — P & D PRECAST CO., INC. COLOR: BUFF/BEST MORTAR W/67
  - SEALANT — BRICK MASONRY: MATCH REDWOOD TAN BY PECORA, OTHERS SHALL LOCATIONS MATCH ADJACENT MATERIAL COLOR.
  - CAST STONE SILLS, LINTELS, & MEDALLIONS — MATCH PRECAST LAWRENCENVILLE BRICK
  - BRICK MASONRY — SHADE: MIDLOTHIAN, STOCK: NUMBER 1-111A MODULAR STANDARD

- BRICK MORTAR — BATCHELDER AND COLLINS / LEHIGH 00024
  - STANDING SEAM METAL ROOF — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080 **A**
  - ROOF SOFFIT — MATCH PITTSBURGH PAINTS NO. 6-650
  - FASCIA TRIM — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - INSULATED AND INTERIOR LINER PANELS — LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - GUTTERS — MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080
  - DOWNSPOUTS AND LOUVERS — AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080  
AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - HOLLOW METAL DOOR AND FRAMES — AT BRICK, MATCH VALSPAR FLUOROPON DARK BRONZE NO.437B080  
AT WALL PANELS, LAFB SPECIAL BEIGE, MATCH PITTSBURGH PAINTS NO. 6-650
  - PAINT ALL EXPOSED SURFACES WHETHER OR NOT COLORS ARE DESIGNATED IN SCHEDULES, EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED OR IS TO REMAIN NATURAL. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS
  - INSULATED INTERIOR LINER PANELS — CENTRIA: REGAL WHITE NO. 179 **B**
- REFERENCE DRAWINGS GA-830 AND GA-831 FOR MASONRY DETAILS.
  - REFERENCE DRAWINGS GA-901 FOR TYPICAL PRECAST PANEL (PLINTH) DETAILS.

US Army Corps of Engineers Norfolk District	
REVISED EXTERIOR COLOR SCHEDULE	RAIL ERK
ADDED INTERIOR LINER PANEL FINISH COLOR NOTES	RAIL ERK
DATE: OCT 2001	SCALE: AS SHOWN
CHECKED: RAJ	SUBMITTED: ERK
DESIGNED: JLC	DRAWN: BBA
NORFOLK DISTRICT FILE NO. LA-201	
PROJECT NO. HACC023010	
DRAWING NO. 711-18-13	
SPECIFICATION NO. DAC465-01-R-0025	
Last revised on: 10/17/01	
File name: V:\S445\VA06\LA-202.DWG	
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	
F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA LO/CRF FACILITY EXTERIOR ELEVATIONS	
LA-201 SHEET 354 OF 769	

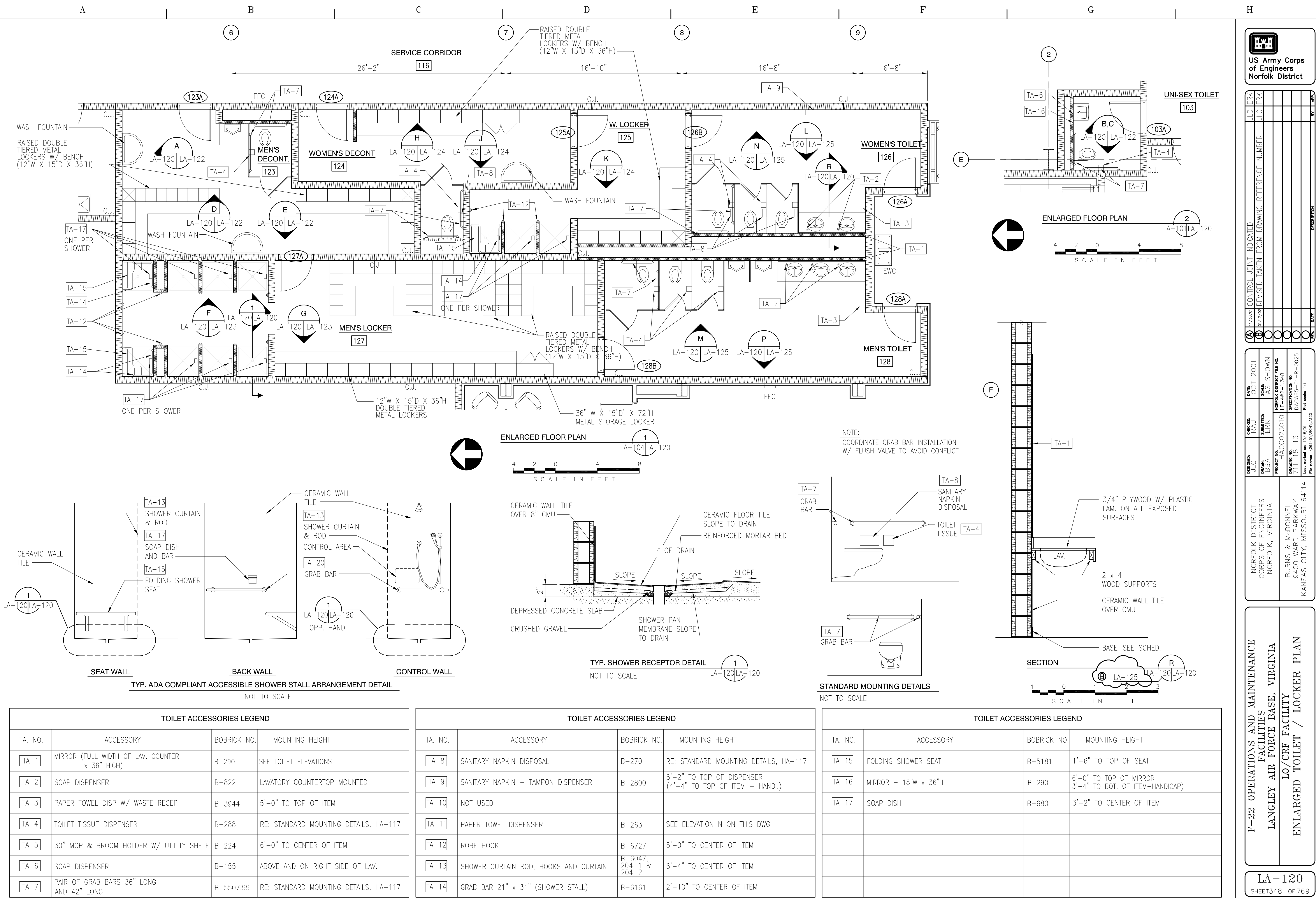


NOTE:  
SEE LA-120 FOR TOILET  
ACCESSORIES LEGEND

④	00.77.008	ADDED MILLWORK ELEVATION	J.L.C.	ERR.
○				
○				
○				
○				
○				
○				
○				
REV.	DATE	DESCRIPTION	BY	APP.

NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA	DESIGNED: JLC DRAWN: BBA PROJECT NO. HACC0220310	CHECKED: RAJ SUBMITTED: ERK SCALE: AS SHOWN	DATE: OCT 2001
	BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114	NORFOLK DISTRICT FILE NO. LF-482-1-353	SPECIFICATION NO. DA685-01-R-0025
Last worked on: 10/15/01		Plot scale: 1"	
File name: \38345\ARCH\A125.DWG			

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
LO/CRF FACILITY  
TOILET ELEVATIONS



US Army Corps of Engineers  
Norfolk District

DATE	SCALE	AS SHOWN	REVISION	DATE	SCALE	AS SHOWN	REVISION
08/01/2001	1/8" = 1'-0"	AS SHOWN	1				

NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

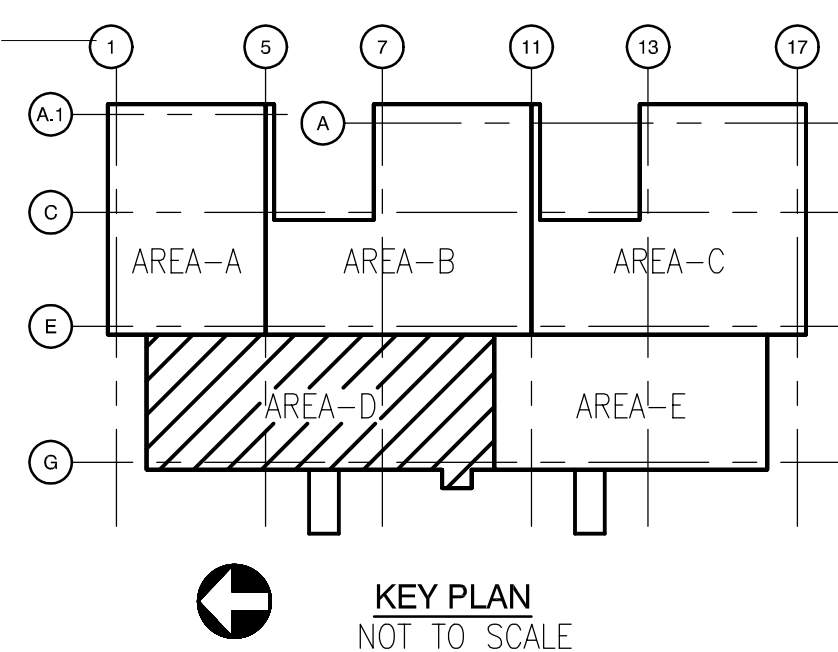
BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA

LO/GRF FACILITY  
ENLARGED TOILET / LOCKER PLAN

LA-120

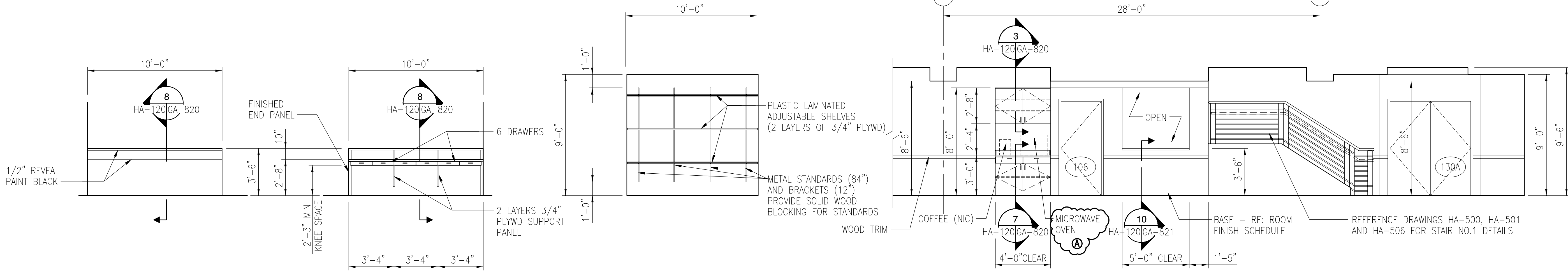
SHEET 348 OF 769



<p><b>F-22 OPERATIONS AND MAINTENANCE FACILITIES</b></p> <p><b>LANGLEY AIR FORCE BASE, VIRGINIA</b></p>		<p><b>LO/CRF FACILITY</b></p> <p><b>PARTIAL FLOOR PLAN</b></p> <p><b>AREA D</b></p>		<p><b>LA-104</b></p> <p>SHEET 340 OF 769</p>	
<p>NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA</p>		<p>BURNS &amp; McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114</p>		<p>DESIGNED: JLC DRAWN: BEA PROJECT NO. HACC023010 DRAWING NO. 711-18-13</p>	
<p>CHECKED: RAJ SCALE: AS SHOWN</p>		<p>DATE: OCT 2001</p>		<p>CONTROL JOINTS, SECTION CUTS, ELEVATION AND DETAIL BUBBLES INDICATED</p>	
<p>SUBMITTED: ERK</p>		<p>NORFOLK DISTRICT FILE NO. LF-442-1.340</p>		<p>ADDED INTERIOR ELEVATION IDENTIFICATION</p>	
<p>FILED: 03/24/01</p>		<p>SPECIFICATION NO. DAC65-01-R-0025</p>		<p>DATE: 03/24/01</p>	
<p>FILED: 03/24/01</p>		<p>Plot scale: 1:1</p>		<p>DATE: 03/24/01</p>	





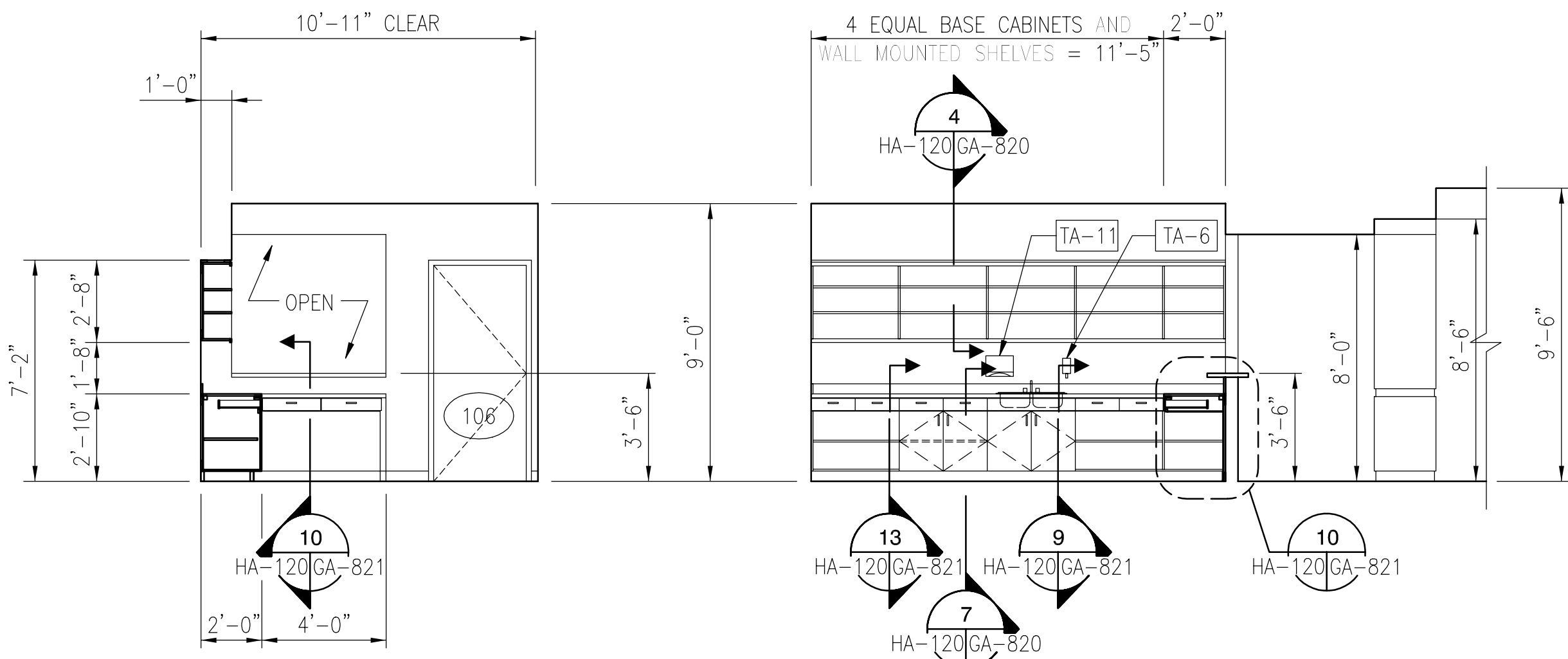


SUPPORT SECTION - 134  
ELEVATION

SUPPORT SECTION - 134  
ELEVATION

STORAGE - 106A  
ELEVATION

READY - 105  
ELEVATION

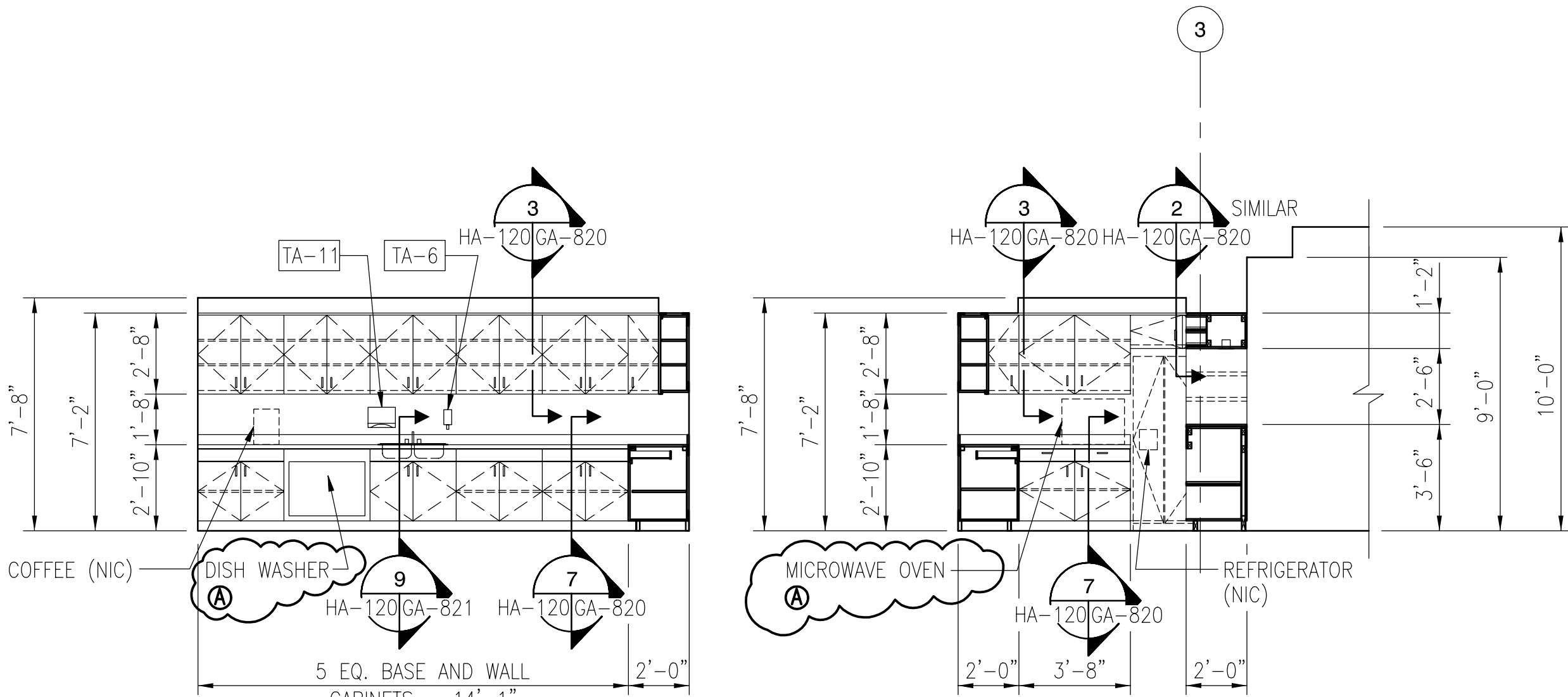


SNACK / DISP. - 106  
ELEVATION

ELEVATION SNACK / DISP. - 106

GALLEY - 118  
ELEVATION

GALLEY - 118  
ELEVATION



GALLEY - 118  
ELEVATION

GALLEY - 118  
ELEVATION

GENERAL NOTES:

- ELEVATIONS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED
- PLASTIC LAMINATED ON ALL EXPOSED SURFACES UNLESS OTHERWISE NOTED



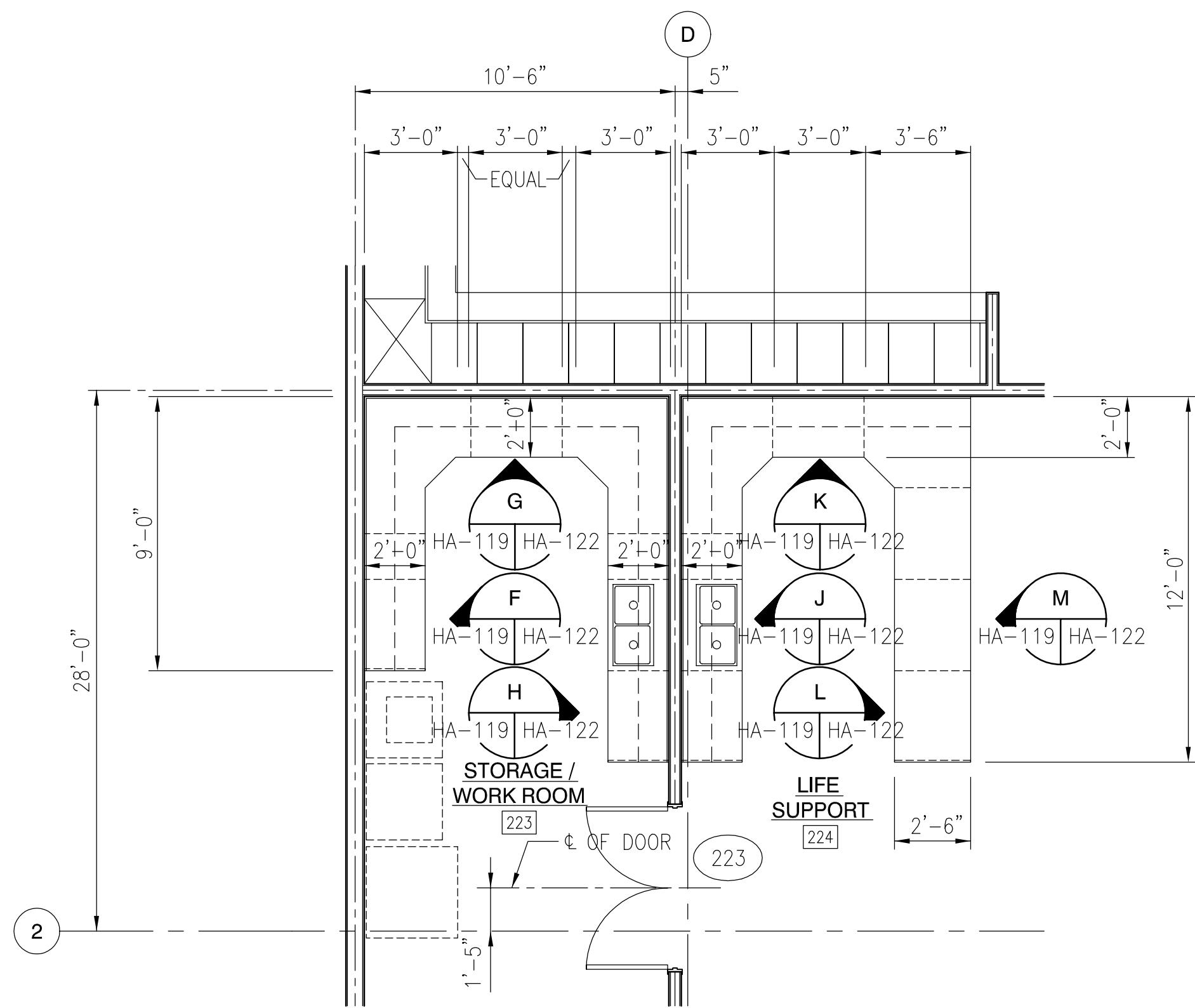
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DESIGNED: RAJ	CHECKED: RWB	DATE: OCT 2001
DRAWN: IHC	SUBMITTED: AS SHOWN	SCALE: AS SHOWN
PRODUCT NO. HACC023011	NORFOLK DISTRICT FILE NO. LF-422-1-1168	SPECIFICATION NO. LF-422-1-1168
DRAWING NO. 711-18-13	DACAG65-01-R-0025	FILE NAME: VARSLEY ARCH DESIGN HANGAR PRECAST HA-120.DWG
Last worked on: 0-1-00		

NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

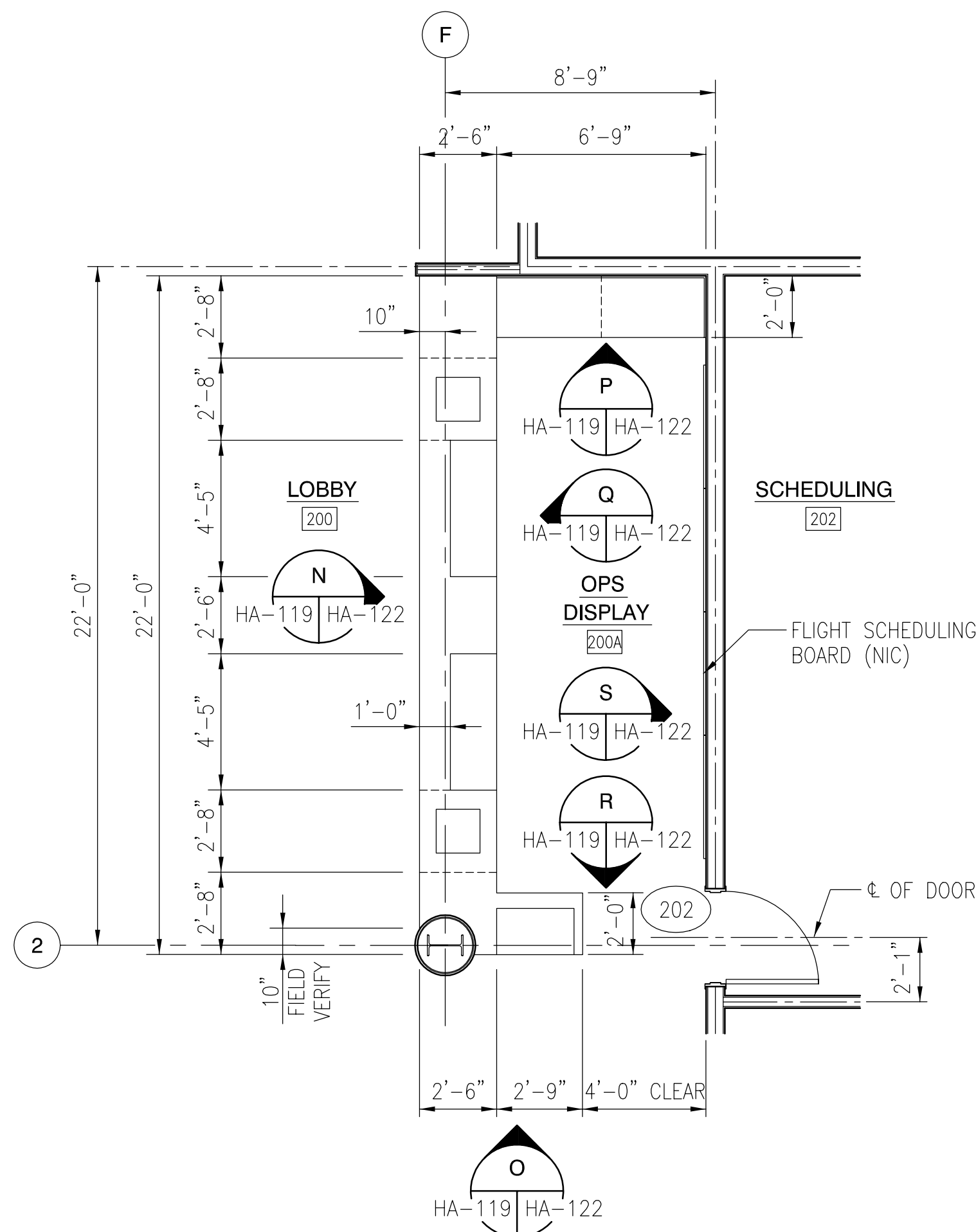
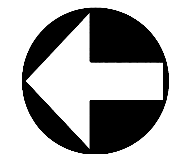
BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA SQUADRON OPERATIONS/AMU HANGAR INTERIOR ELEVATIONS
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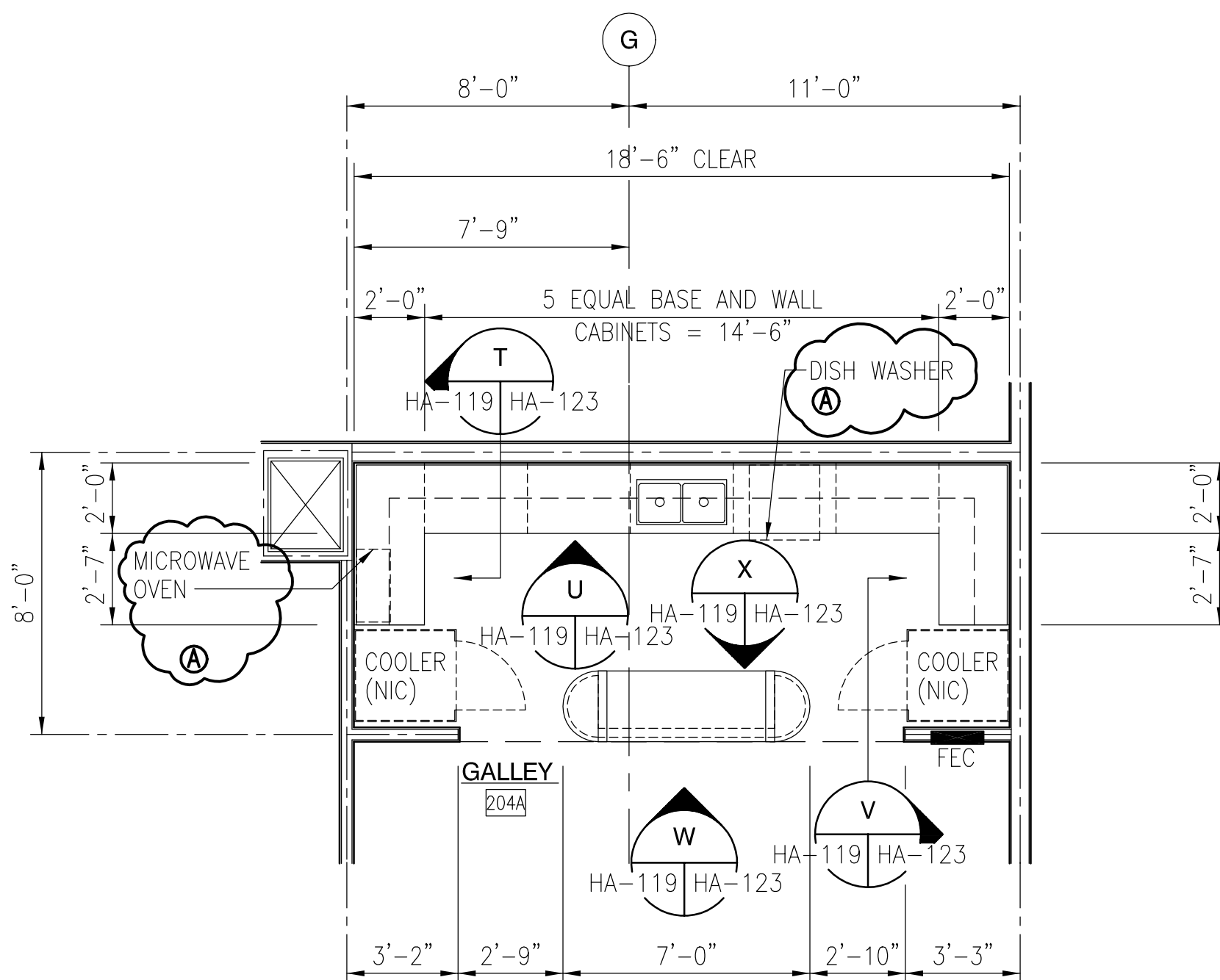
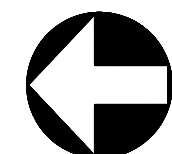
ENLARGED FLOOR PLAN

1  
HA-108/HA-119



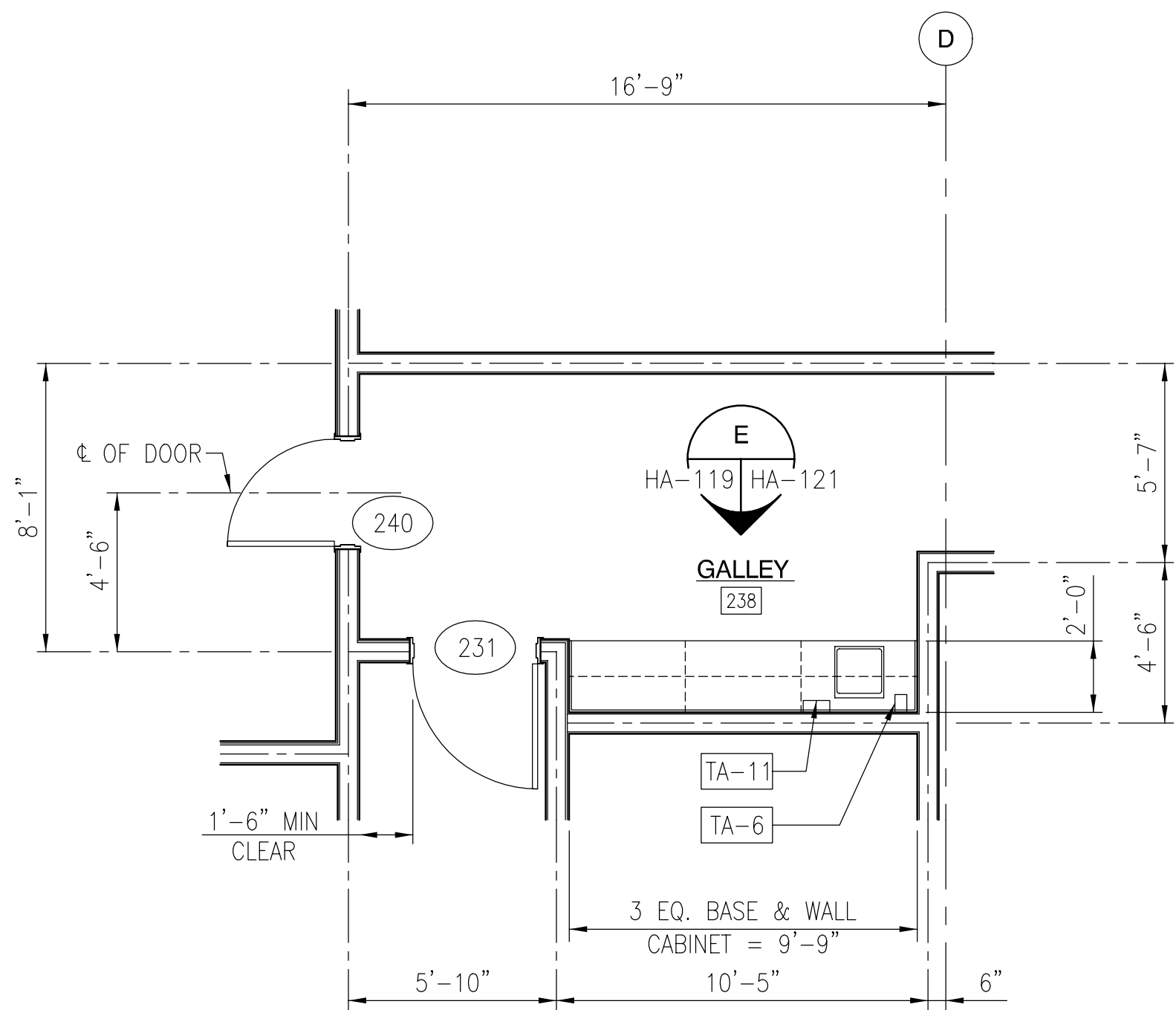
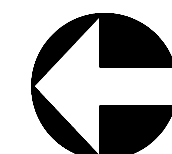
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2  
HA-108/HA-119



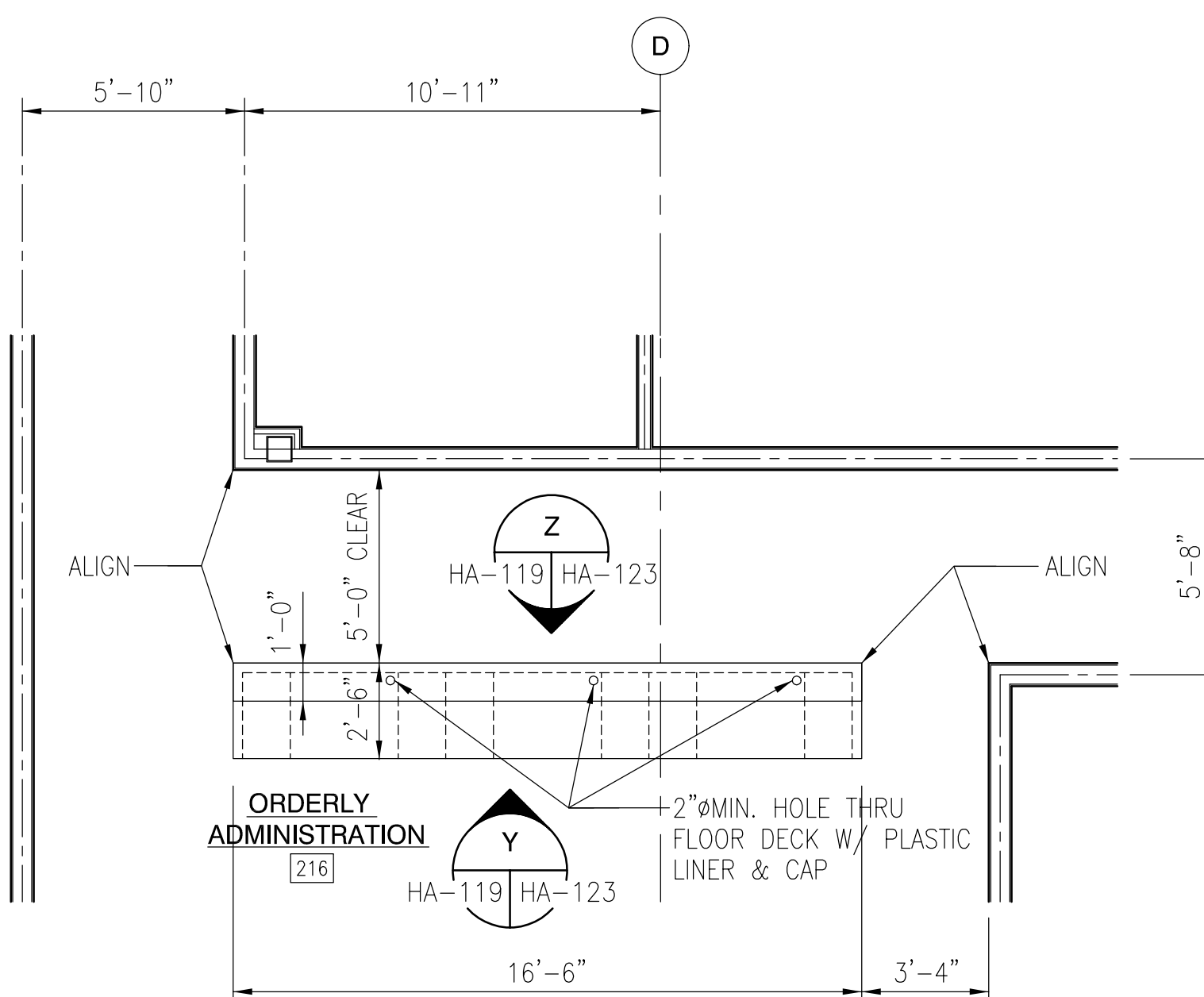
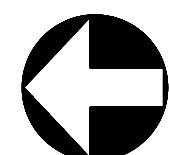
ENLARGED FLOOR PLAN

3  
HA-108/HA-119



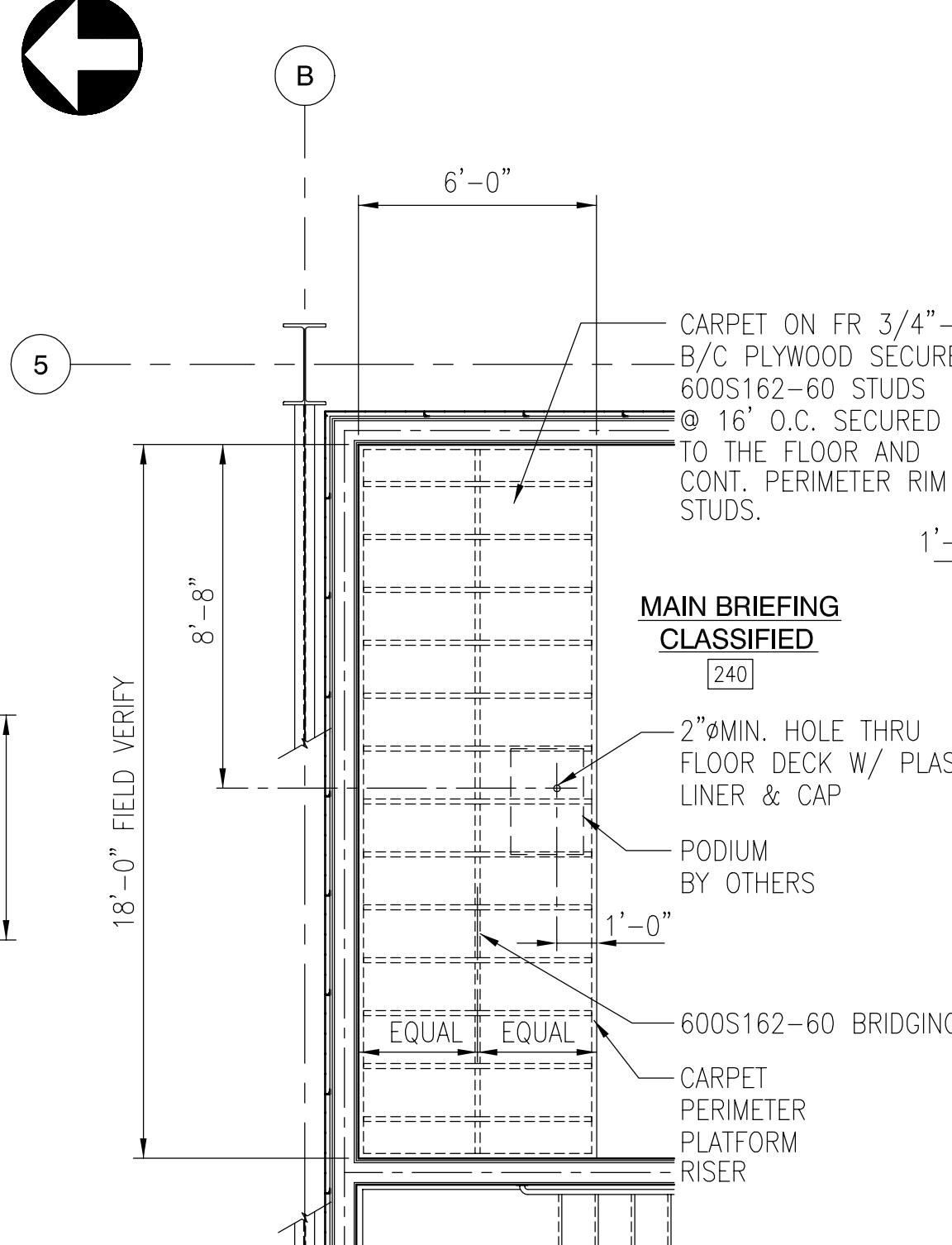
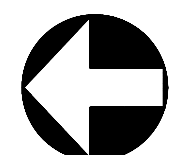
ENLARGED FLOOR PLAN

4  
HA-108/HA-119



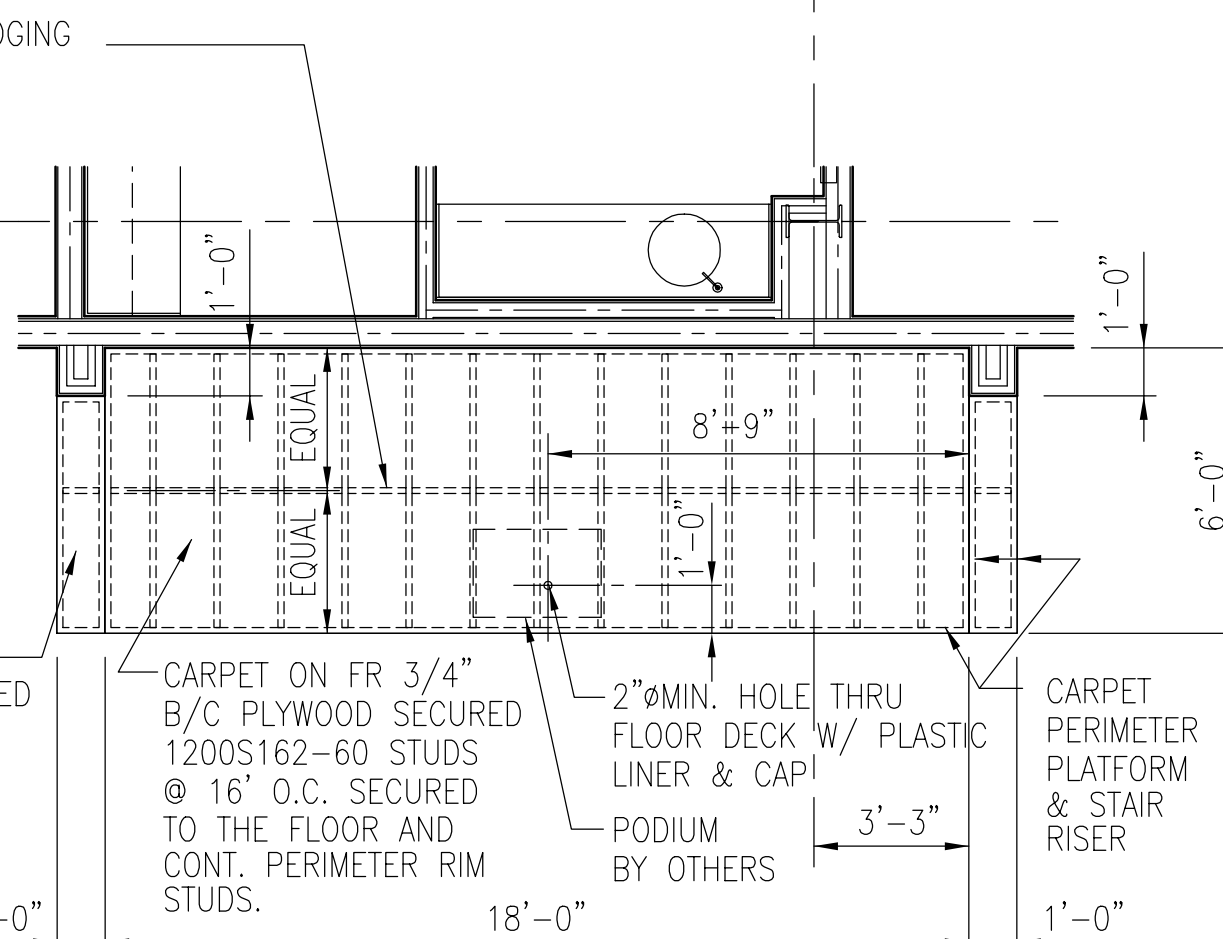
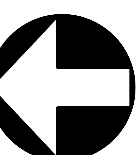
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5  
HA-108/HA-119



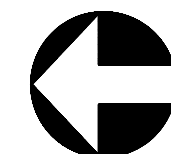
ENLARGED FLOOR PLAN

6  
HA-108/HA-119



ENLARGED FLOOR PLAN

7  
HA-108/HA-119



GENERAL NOTES:

1. ENLARGED FLOOR PLANS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED
2. REFERENCE DRAWINGS HA-400, HA-401, HA-602, HA-602A AND HA-604 FOR PORCELAIN FLOOR TILE PATTERN DETAILS.
3. ALL DIMENSIONS FROM: COLUMN ROW LINE TO COLUMN ROW LINE, COLUMN ROW LINE TO CENTER OF METAL STUD, CENTER OF METAL STUD TO CENTER OF METAL STUD UNLESS OTHERWISE NOTED.



US Army Corps  
of Engineers  
Norfolk District

DATE	BY	REVISION	DESCRIPTION
01/17/2002	RAJ	1	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	2	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	3	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	4	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	5	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	6	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	7	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
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01/17/2002	RAJ	12	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
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01/17/2002	RAJ	18	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
01/17/2002	RAJ	19	DELETED BY AIR FORCE AND NOT IN CONTRACT NOTES
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DESIGNED	CHECKED	DATE	SCALE	AS SHOWN
RAJ	RWB	OCT 2001	AS SHOWN	AS SHOWN

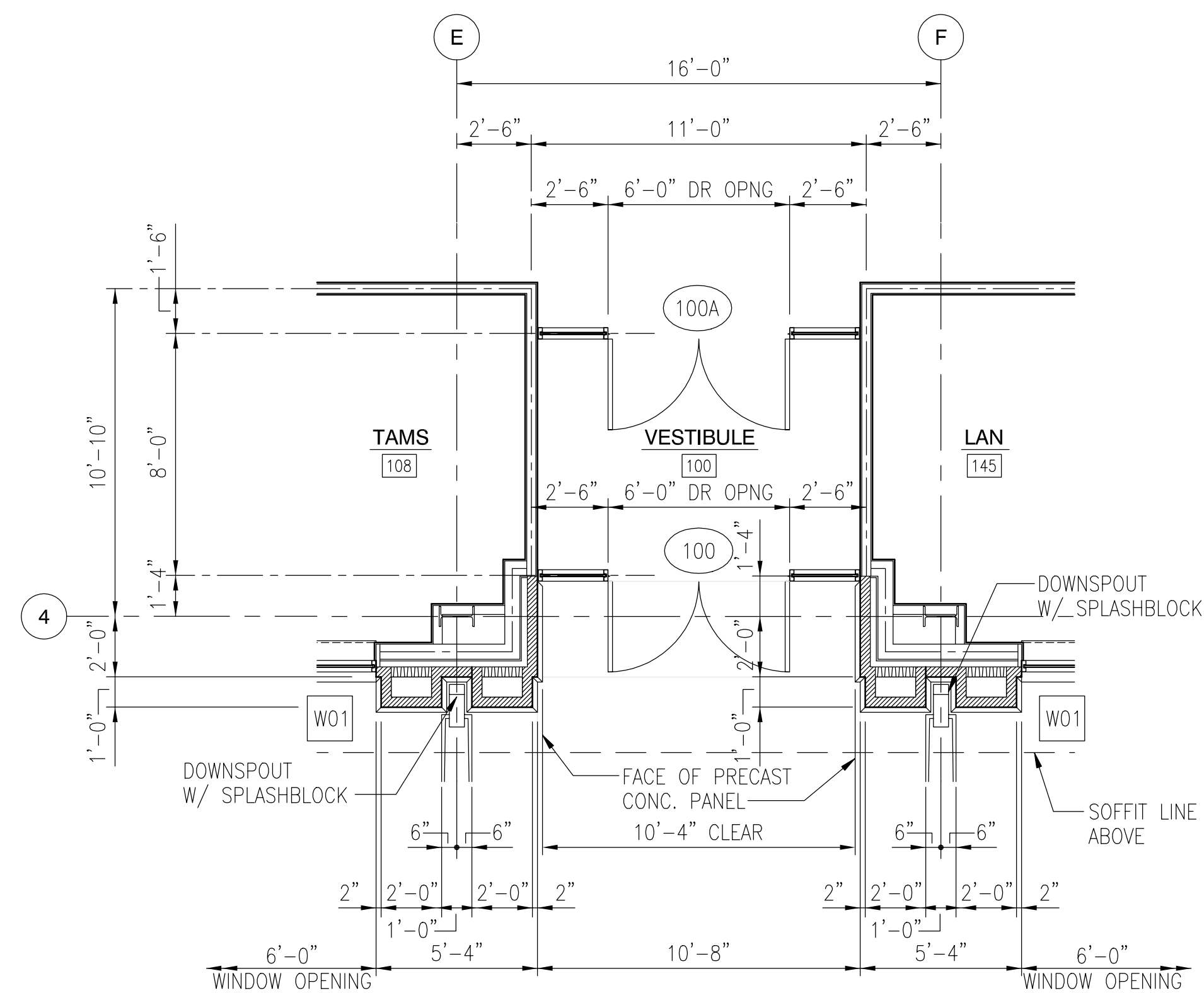
PRODUCT NO.	DRAWING NO.	PROJECT NO.	FILE NO.	FILE NAME
HA0023011	711-18-13	LF-422-1-167	DACA65-01-R-0025	USARV VARCH DESIGN HANGAR PRECAST HA-119.DWG

NORFOLK DISTRICT  
CORPS OF ENGINEERS  
NORFOLK, VIRGINIA

BURNS & McDONNELL  
9400 WARD PARKWAY  
KANSAS CITY, MISSOURI 64114

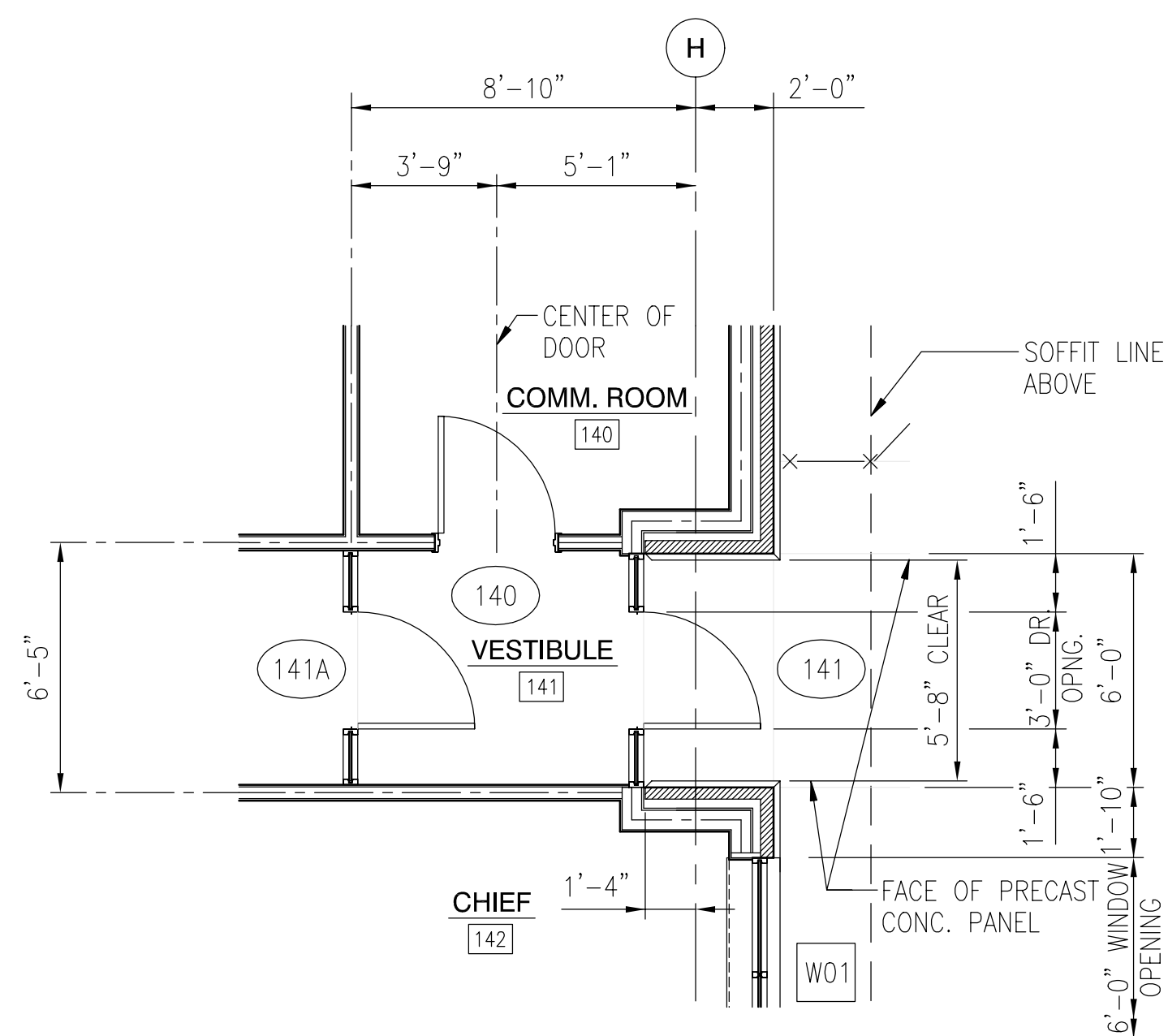
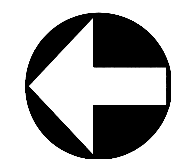
F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
SQUADRON OPERATIONS/AMU HANGAR  
ENLARGED FLOOR PLANS

HA-119  
SHEET 167 OF 769



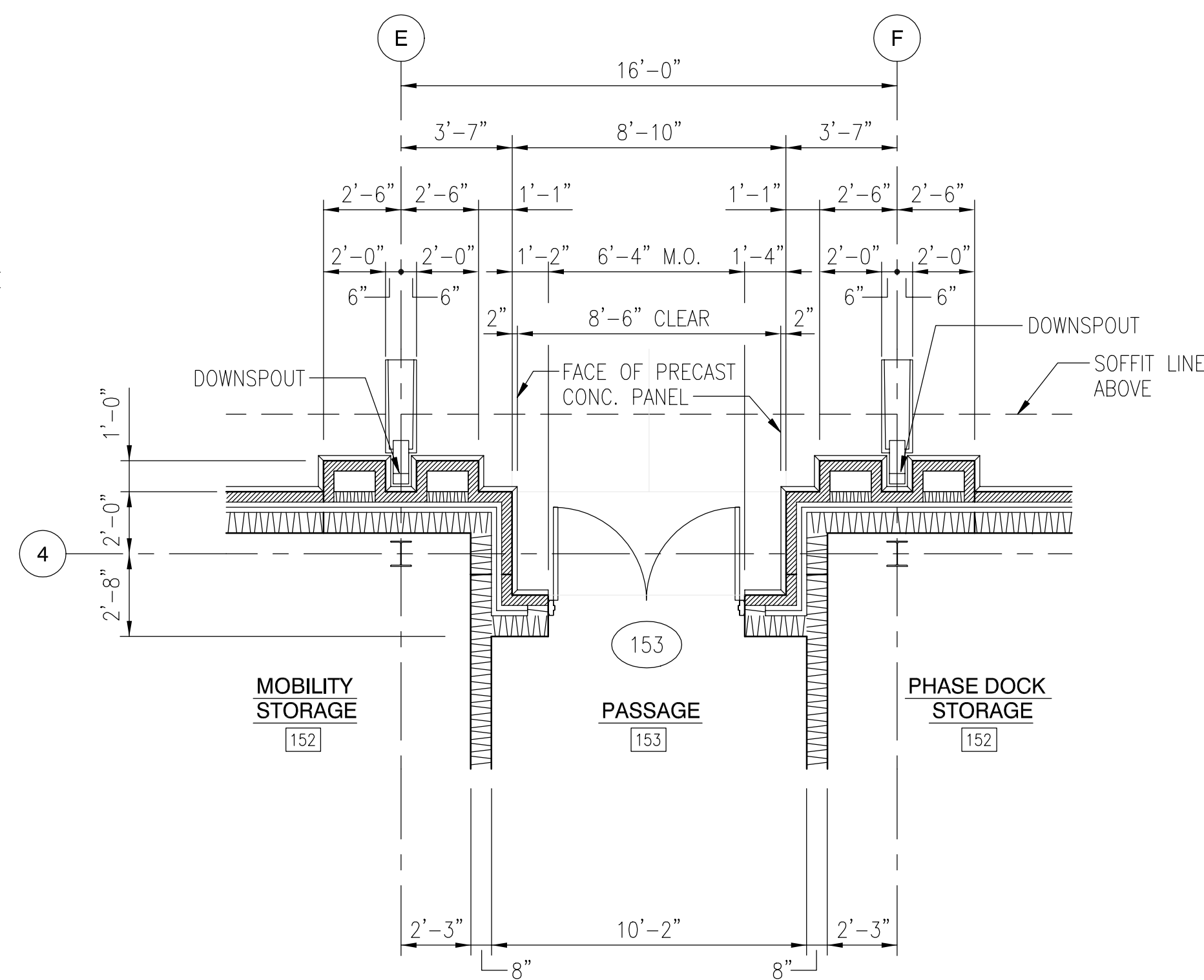
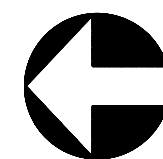
## ENLARGED FLOOR PLAN

HA-105 HA-118



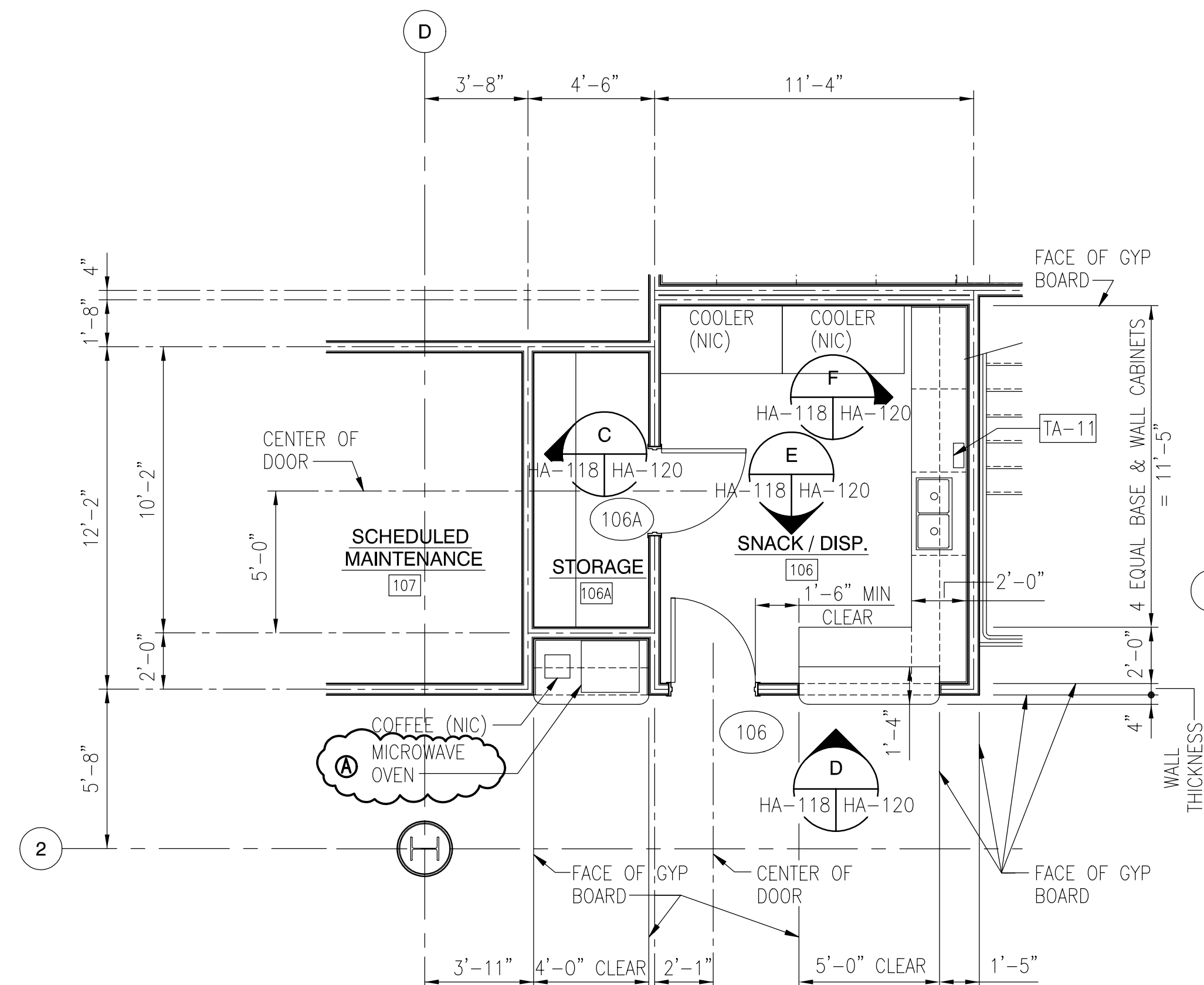
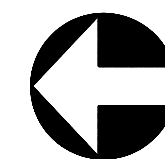
ENLARGED FLOOR PLAN

HA-105 HA-118



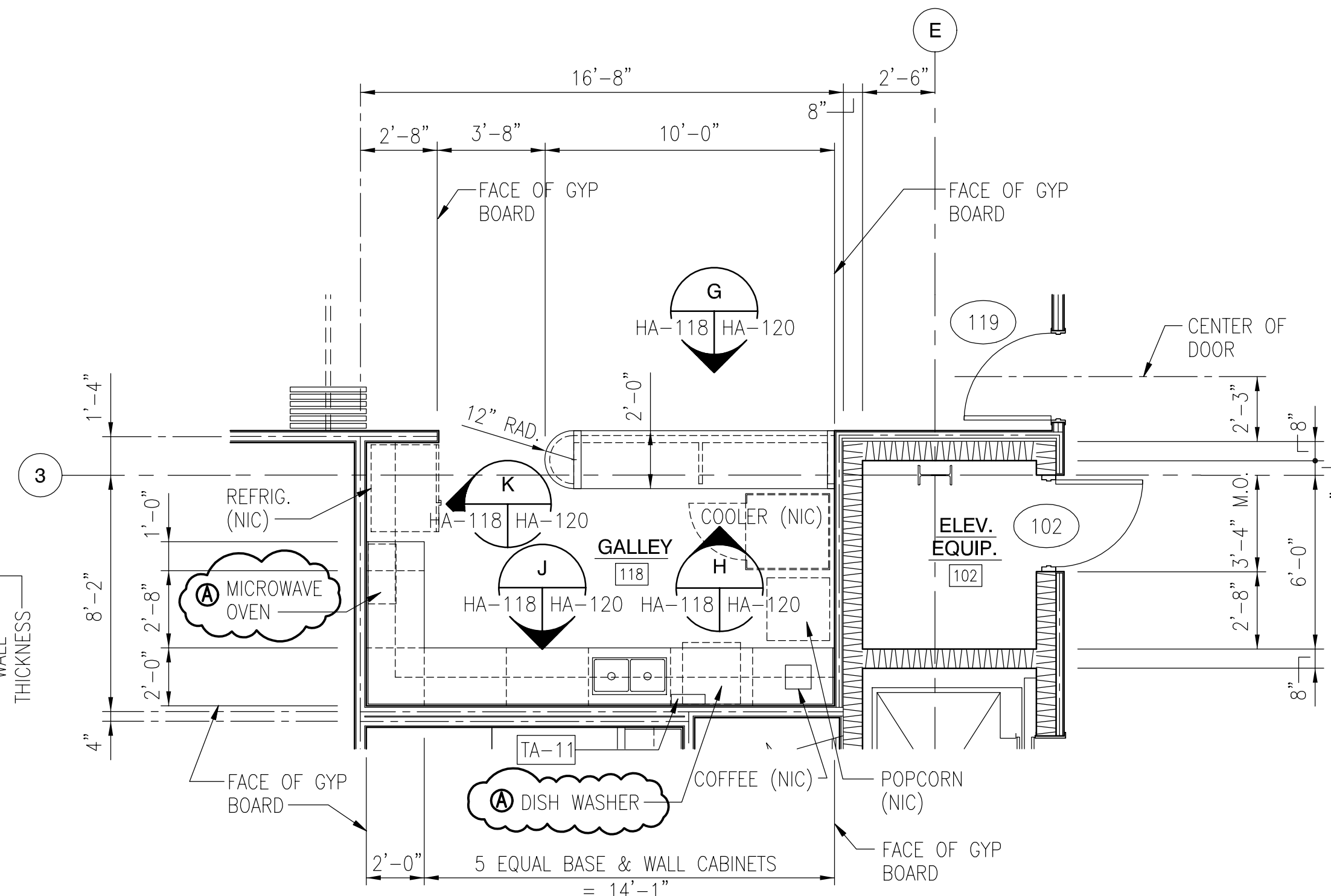
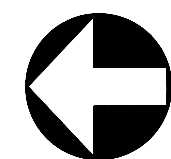
ENLARGED FLOOR PLAN

HA-107 | HA-118



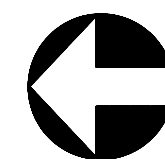
### ENLARGED FLOOR PLAN

HA-105 | HA-118

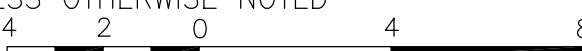



ENLARGED FLOOR PLAN

HA-105 | HA-118



- GENERAL NOTES:

1. ENLARGED FLOOR PLANS ARE DRAWN AT SCALE INDICATED BELOW UNLESS OTHERWISE NOTED
-   
SCALE IN FEET
2. REFERENCE DRAWINGS HA-400, HA-401, HA-602 AND HA-604 FOR PORCELAIN FLOOR TILE PATTERN DETAILS.
3. ALL DIMENSIONS FROM: COLUMN ROW LINE TO COLUMN ROW LINE, COLUMN ROW LINE TO FACE OF BRICK WALL/EDGE OF FOUNDATION, FACE OF BRICK WALL/EDGE OF FOUNDATION TO FACE OF BRICK/EDGE OF FOUNDATION, COLUMN ROW LINE TO CENTER OF METAL STUD, CENTER OF METAL STUD TO CENTER OF METAL STUD, FACE OF CMU TO FACE OF CMU UNLESS OTHERWISE NOTED.



US Army Corps  
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Norfolk District

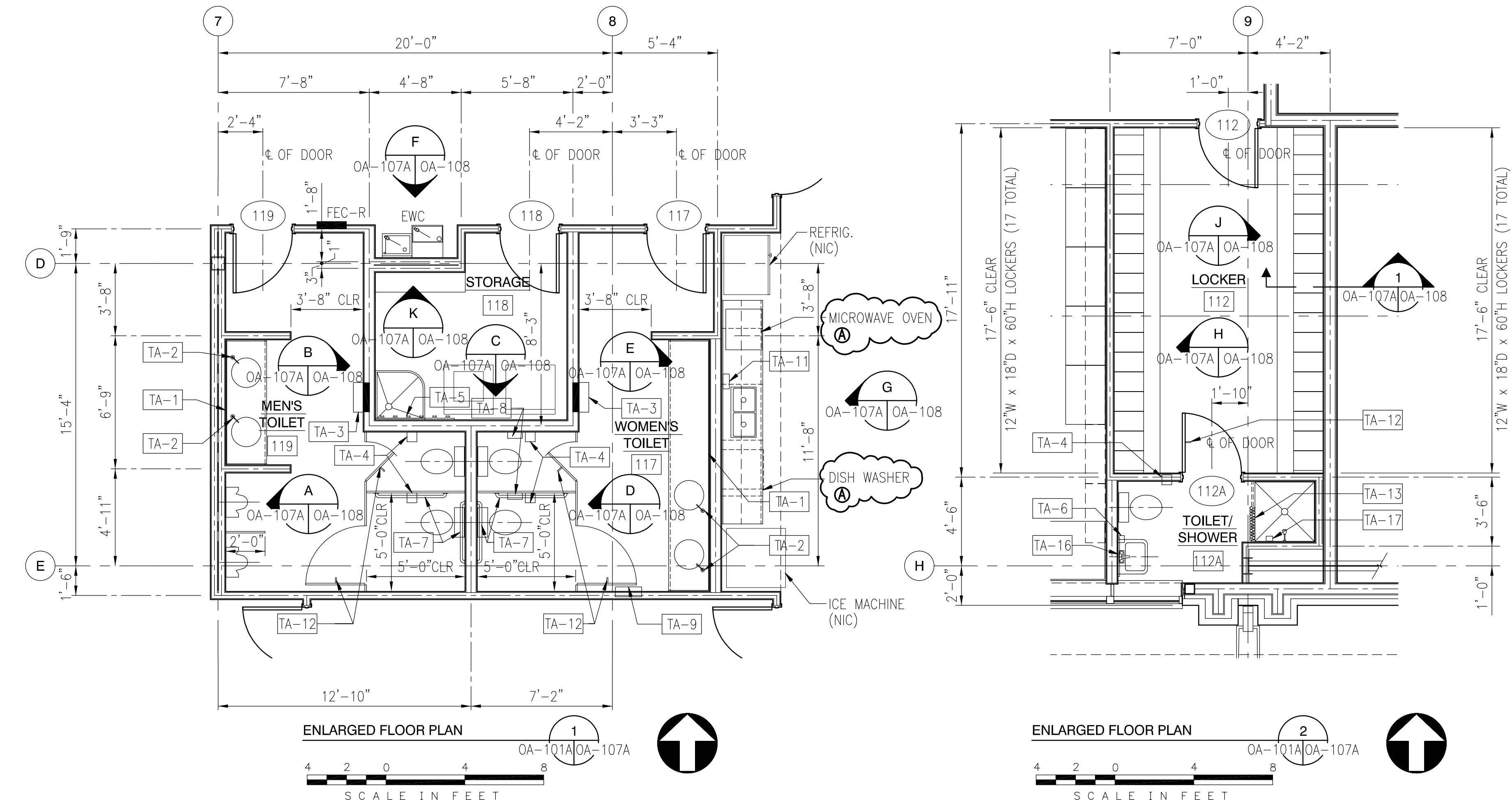
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NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA		DESIGNED: RAJ	CHECKED: RMB	DATE: OCT 2001
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		PROJECT NO: CGC023011	NORFOLK DISTRICT FILE NO.	
BURNS & McDONNELL 9400 WARD PARKWAY KANSAS CITY, MISSOURI 64114		DRAWING NO: 711-18-13	SPECIFICATION NO: DACA65-01-R-0025	
		Noted worked on: 10-11-01	Plot scale: 1:1	
		File name:	U8432.ARCVIEW\$IGNA\$IGR\$P\$C\$A\$1A-11\$D\$	

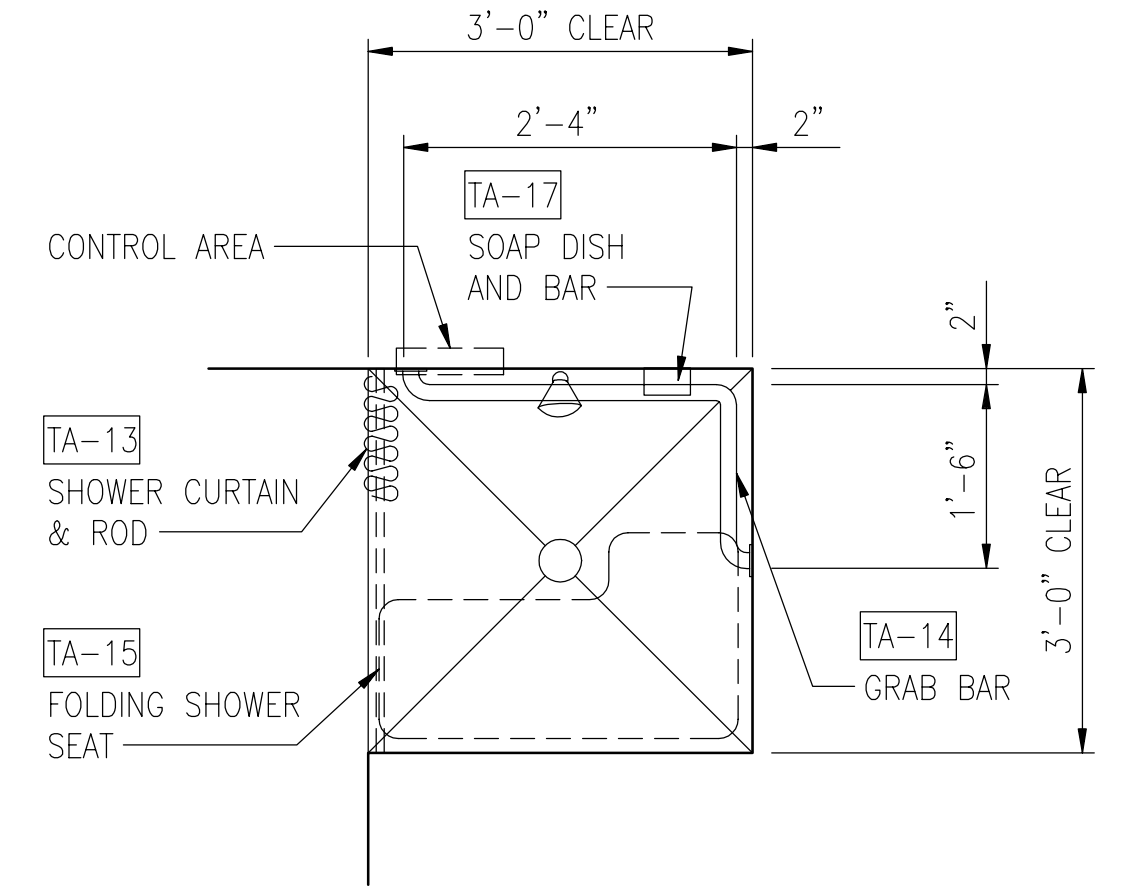
F-22 OPERATIONS AND MAINTENANCE FACILITIES LANGLEY AIR FORCE BASE, VIRGINIA
SQUADRON OPERATIONS/AMU HANGAR ENLARGED FLOOR PLANS

HA-118  
SHEET 166 OF 769

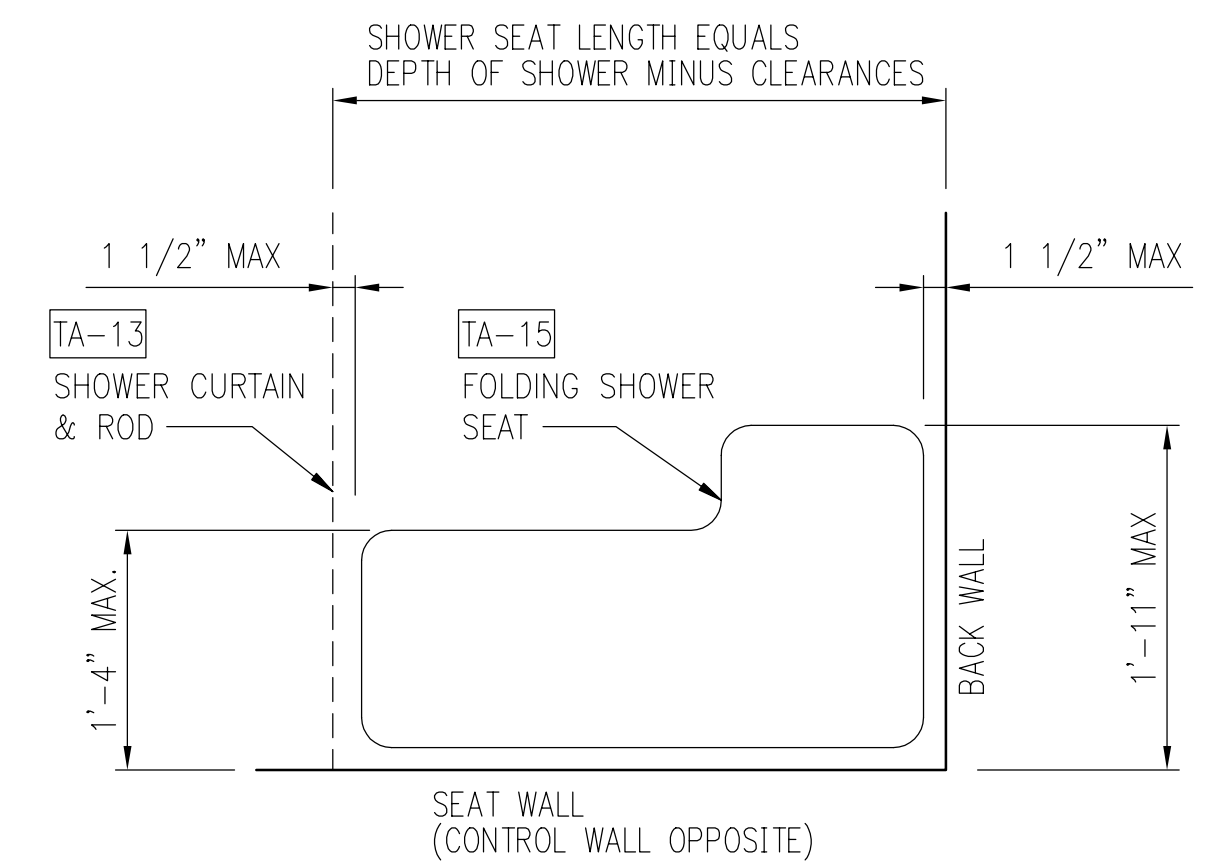




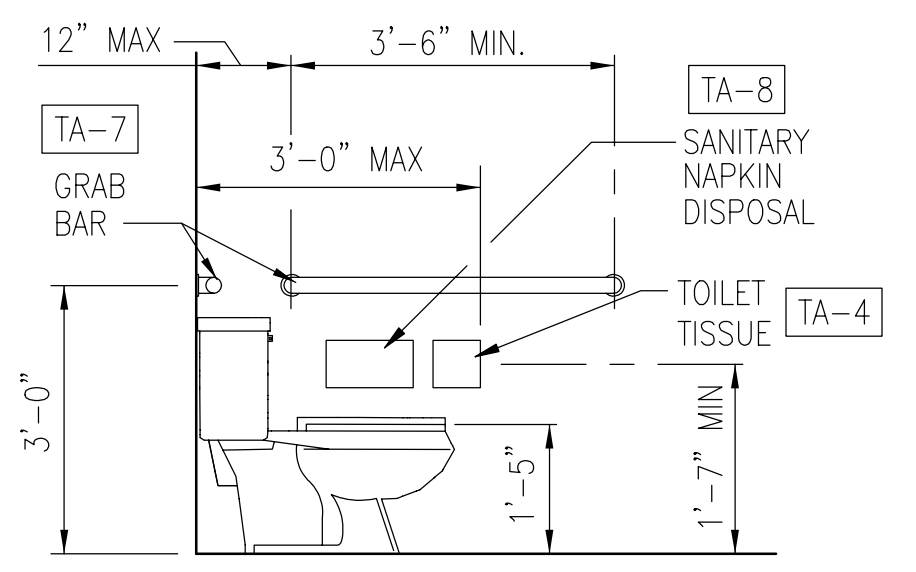
TOILET ACCESSORIES LEGEND			
TA. NO.	ACCESSORY	BOBRICK NO.	MOUNTING HEIGHT
TA-1	MIRROR (FULL WIDTH OF LAV. COUNTER x 4'-4" HIGH)	B-290	RE: TOILET ELEVATIONS ON DRAWING OA-105 AND OA-108
TA-2	SOAP DISPENSER	B-822	LAVATORY COUNTERTOP MOUNTED
TA-3	PAPER TOWEL DISP W/ WASTE RECEP	B-3944	5'-0" TO TOP OF ITEM
TA-4	TOILET TISSUE DISPENSER	B-288	RE: STANDARD MOUNTING DETAILS ON THIS DWG
TA-5	30" MOP & BROOM HOLDER W/ UTILITY SHELF	B-224	6'-0" TO CENTER OF ITEM
TA-6	SOAP DISPENSER	B-155	ABOVE AND ON RIGHT SIDE OF LAV.
TA-7	PAIR OF GRAB BARS 36" LONG AND 42" LONG	B-5507.99	RE: STANDARD MOUNTING DETAILS ON THIS DWG
TA-8	SANITARY NAPKIN DISPOSAL	B-270	RE: STANDARD MOUNTING DETAILS ON THIS DWG
TA-9	SANITARY NAPKIN - TAMPON DISPENSER	B-2800	6'-2" TO TOP OF DISPENSER (4'-4" TO TOP OF ITEM - HANDL.)
TA-10	TOWEL BAR 24"	B-6737	3'-0" TO CENTERLINE OF ITEM
TA-11	PAPER TOWEL DISPENSER	B-263	RE: TOILET ELEVATIONS ON DWG OA-108
TA-12	ROBE HOOK	B-6727	5'-0" TO CENTER OF ITEM
TA-13	SHOWER CURTAIN ROD, HOOKS AND CURTAIN	B-6047, 204-1 & 204-2	6'-4" TO CENTER OF ITEM
TA-14	GRAB BAR 21" x 31" (SHOWER STALL)	B-6161	2'-10" TO CENTER OF ITEM
TA-15	FOLDING SHOWER SEAT	B-5181	1'-6" TO TOP OF SEAT
TA-16	MIRROR 24" x 48"	B-290	3'-0" TO BOTTOM OF ITEM
TA-17	SOAP DISH	B-680	3'-2" TO CENTER OF ITEM



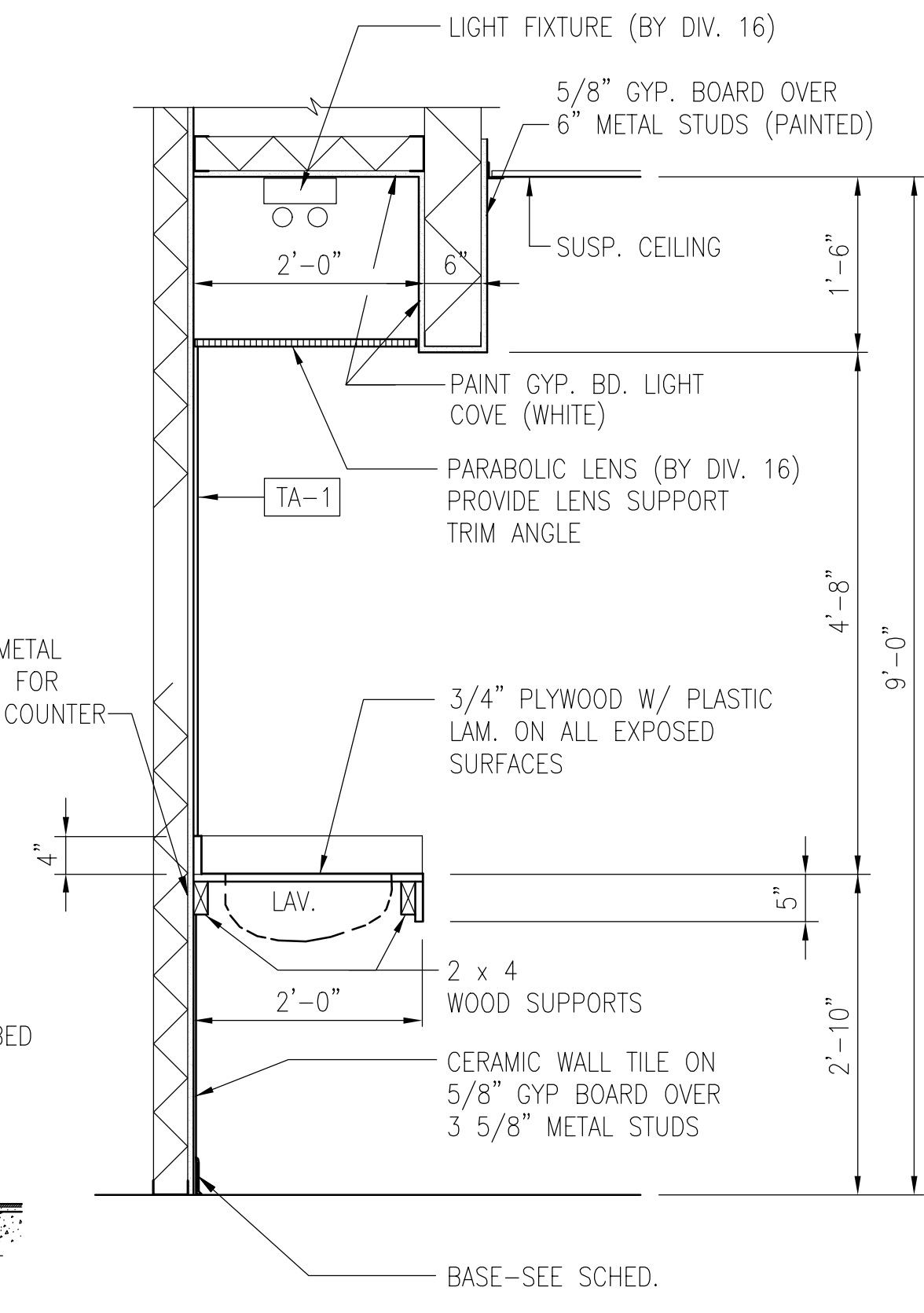
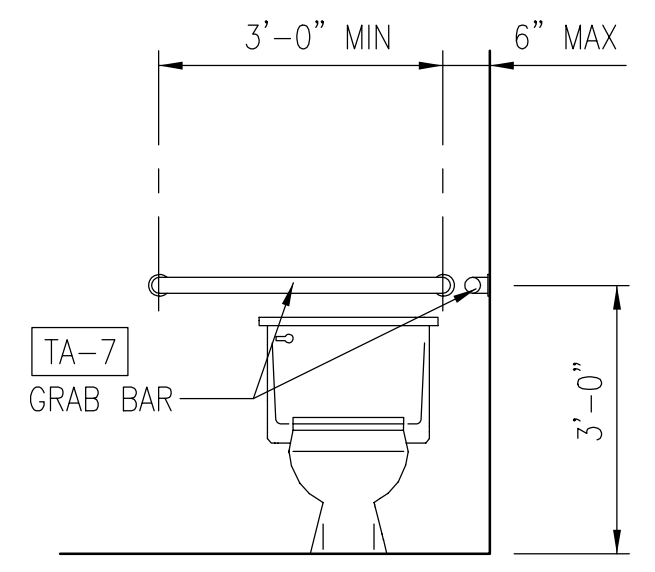
PLAN - TYPICAL ADA COMPLIANT ACCESSIBLE SHOWER STALL  
NOT TO SCALE  
OA-107A/OA-107A  
OA-103A



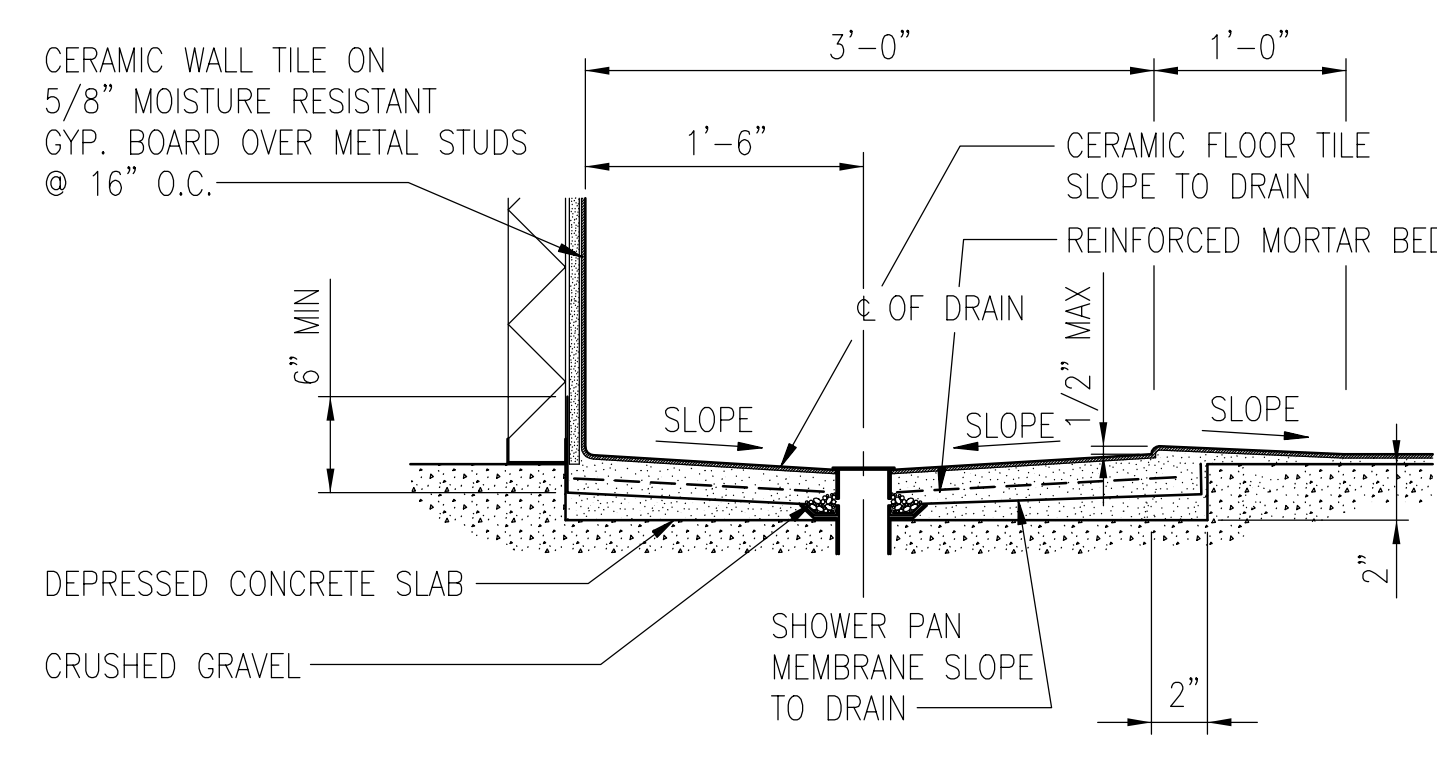
PLAN - SHOWER SEAT  
NOT TO SCALE



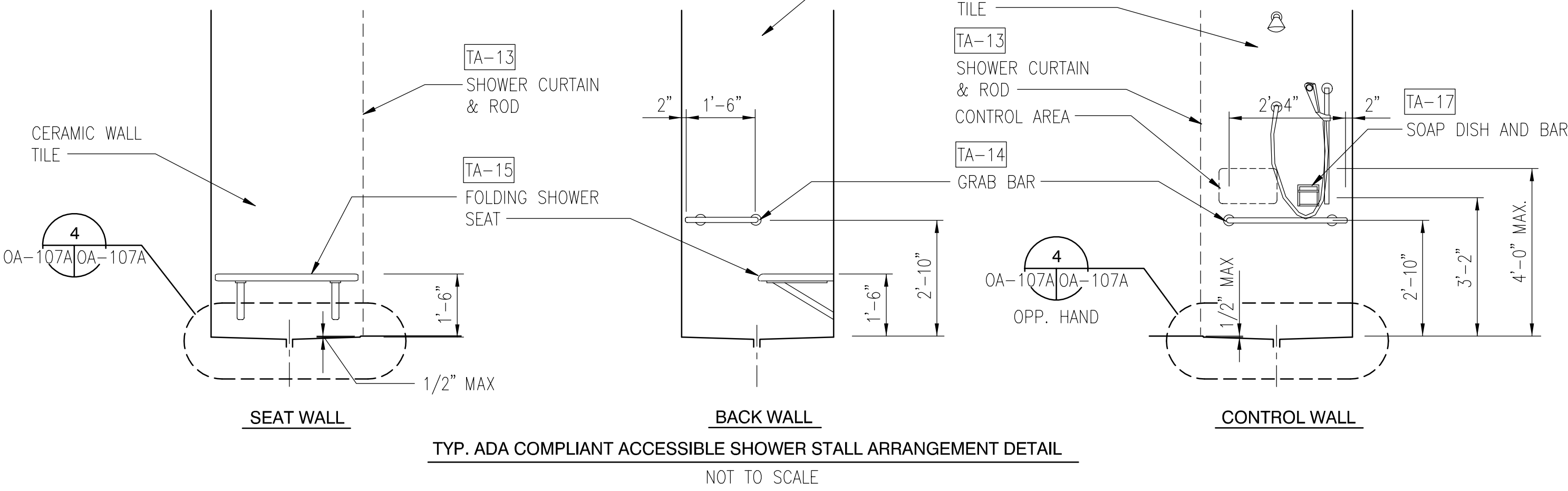
STANDARD MOUNTING DETAILS  
NOT TO SCALE



SECTION  
A



TYP. SHOWER RECEPTOR DETAIL  
NOT TO SCALE  
OA-107A/OA-107A



TYP. ADA COMPLIANT ACCESSIBLE SHOWER STALL ARRANGEMENT DETAIL  
NOT TO SCALE

US Army Corps  
of Engineers  
Norfolk District

DESIGNED BY	RAJ	CHECKED BY	RWB	DATE	OCT 2001
DRAWN BY	IHC	SUBMITTED		SCALE	AS SHOWN
PROJECT NO.	HAC0023011			NORFOLK DISTRICT FILE NO.	LF-422-1.759
DRAWING NO.	711-18-13			SPECIFICATION NO.	DACA65-01-R-0025
FILE NAME	VARLEY\ARCH\DESIGN\BASE_DPS\OA-107a.dwg			FILE SCALE	1:1

F-22 OPERATIONS AND MAINTENANCE  
FACILITIES  
LANGLEY AIR FORCE BASE, VIRGINIA  
BASE OPERATIONS FACILITY  
ENLARGED FLOOR PLANS  
(OPTION 3)

OA-107A  
SHEET 759 OF 769